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President's Message

One of the reasons so many of us are attracted to the sport of birding, yes it is a sport and it is the most popular sport in the country way ahead of the next most popular sport golf, is that it is what we want to make of it.

If you want to do a Big Year you can. If you want to feel part of something big, just join the birding throng at Montrose during the migration or if you prefer the solitary experience, you can find plenty of remote places in Illinois to bird. If you want to debate the finer points of field identification or just get some help on identifying that orange-headed warbler, go on IBET. If watching feeders is your thing, that's OK too. Whatever your inclination you are free to bird at your own pace, at your own level.

The marvels of today's technology enrich the experience. It is no accident that Bob Fisher set a new Illinois Big Year record last year; or that more birders join the 350 club each year. The instant communications of the Internet have contributed by spreading the word of rarity sightings. The Internet has also enabled the average birder to improve identification skills through multiplying bird chat lines and web sites devoted to birding. How else would more than a handful of people have had the opportunity to add a Fork-tailed Flycatcher to their Life List given that it was a one day wonder?

While advancing technology has improved the birding experience, it also represents a challenge for bird clubs. One need no longer belong to a bird club for the inside skinny on where to find the birds. Just go online. If you do not believe me, just look at our Listers Corner on the IOS web site. Look at the Life List section. The names in bold are IOS members. The other names are birders enjoying the benefits of IOS without contributing to the organization. If you are close to any of those non-members, invite them to become members. Cajole them, embarrass them, whatever it takes. Experience shows that personal influence is the most effective way to recruit members. And we need the members and the revenues they represent if we are to thrive and grow. It is just $25 a year.

It is now easier than ever to join. Again the marvels of advancing technology! To become a member or to renew your membership, all one has to do is go to our web site Home Page (www.illinois-birds.org) and hit the Membership Information button on the left hand side, then follow the instructions. We now have enrolled with PayPal so that we can accept payment online. No more having to write a check, find the renewal form or wonder when your check will be cashed. It could not be easier or more convenient.

Good birding.

Michael Hogg
President
MHKiwi@aol.com

Letter from the Editor

Documenting changes

In this issue, we bring you stories about the changing breeding avifauna in Illinois. Scissor-tailed Flycatchers, with the main breeding range in Texas and Oklahoma, are now successfully raising young in southern Illinois (see Travis A. Mahan and Dan Kassebaum's article in this issue).

So what does this mean? Global warming, perhaps? Breeding Blue Grosbeaks and Summer Tanagers seem to be pushing northward in Illinois. But then Rose-breasted Grosbeaks seem to be pushing southward as breeders in Illinois. In the northeastern part of Illinois, Clay-colored Sparrows, which mostly breed farther north and west, successfully raised young in several locations last year (see Joe Suchecki's article in this issue). Formerly, this species was known to breed at only site in Illinois, a Christmas tree farm near Rockford. Joe reports the sparrows are back, four singing males, at Springbrook Prairie in DuPage County this breeding season.

And what's happening with the Monk Parakeet? This recently introduced species' population is expanding in Illinois, according to an article in this issue by Walter Marcisz.

These are conundrums that scientists are only beginning to explore. And they will, no doubt, be using the information contained in *Meadowlark* to determine population and distribution changes in breeding birds of Illinois, and compare those data with other factors such as climate and habitat.

What's so exciting to me is that, we, the birders of Illinois, are documenting these changes. And the artieles you read here, plus the Field Notes, can be readily found by those studying these changes. Every issue of *Meadowlark* can be found at the Field Museum in Chicago as well as at various libraries and institutions. The Field Museum of Natural History in New York also houses *Meadowlark* in an exchange program with IOS.

When you write articles, take photos and send in Field Notes for Meadowlark, you become part of the future of birds and science. You become part of a bigger picture.

We now have thirteen full years of data in *Meadowlark* and another seven years of data before that published in the former *Illinois Birds & Birding*. We have 20 years of data that Illinois birders have provided and many more details in the articles that volunteer authors and citizen scientists take the time to write. You should be proud of yourselves. And those of you who are sitting on the sidelines with stories, data and ideas, what are you waiting for? Email me at sheryl.devore@comcast. net with your ideas and become part of a bigger universe in which you can play a role in science, conservation and ornithology.

Sheryl DeVore

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About Our Cover:

Eric Secker drew the cover Monk Parakeet for this issue. He is a regular contributor to *Meadowlark*.

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The expanding Monk Parakeet:

An update on the Chicagoland Monk Parakeet expansion, with notes on cell tower nests

by Walter Marcisz

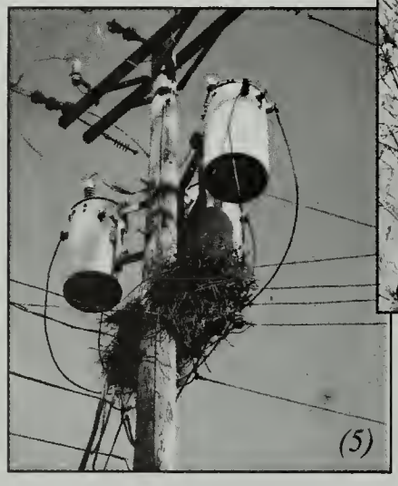
(2)

As I write this, I hear Monk Parakeets (*Myiopsitta monachus*) calling outside the window of my home in the Hegewisch neighborhood at the far southeast corner of Chicago. Monk Parakeets are very loud birds, and if they are around they are fairly impossible to miss. I hear them every day now. It was not always like this.

(3)

For many years, Illinois Monk Parakeets were a specialty of the Hyde Park neighborhood of Chicago (near 57th St. and the lakefront) with only a very few spin-off colonies in other areas. For at least the last five years, two of these spin-off colonies (Burnham and Wolf Lake/Powers Conservation Area) have been hosting nesting Monk Parakeets within a mile or two of my home. Since the inception of these colonies, foraging flocks of parakeets have been seen and heard on a semi-regular basis in my neighborhood.

(4)



(5)

But the Monk Parakeet population has remained anything but stable. It is headed in only one direction: up. In my area, the Burnham colony has added new nests on a virtually annual basis. Despite this local increase, I was still caught off guard by what was to come.

Over the past two years (2003 and 2004?), reports of Monk Parakeets in unusual or unexpected places have increased. I have numerous non-birder friends who have taken me to task on this issue: "Why am I seeing Monk Parakeets in Grant Park? I thought they were only found in Jackson Park." My personal Monk Parakeet observations were increasing in a way that was quite consistent with what my non-birder friends were reporting. Not only was I finding them in my home neighborhood, but I was also regularly seeing them where I work (the Beverly neighborhood of Chicago) and on my way to work (in the suburb of Blue Island).

Then, at a Memorial Day 2004 backyard barbecue, a non-birder friend who works as an arborist for the City of Chicago told me he was seeing Monk Parakeets "everywhere" throughout the city. He further opined that the parakeets were building nests on cell phone towers in many of the neighborhoods he visited.

(1) Top: Three Monk Parakeets. 21 November 2004. The location is 200 yards southwest of the junction of Villa and Fullerton Avenues in Addison, DuPage County, Illinois, where the nests are in a ComEd tower. Photo by Urs Geiser. (2) Monk Parakeet nests on cell tower near 135th Street and Torrence Avenue (Cook County), Illinois. Photo taken 17 October 2004 by Walter Marcisz. (3) Monk Parakeet nest on satellite dish at Burnham (Cook County), Illinois. Photo taken 17 October 2004 by Walter Marcisz. (4) Monk Parakeet nest in a tree at Burnham (Cook County), Illinois. Photo taken 17 October 2004 by Walter Marcisz. (5) Monk Parakeet nest on telephone pole with transformers at Burnham (Cook County), Illinois. Photo taken 17 October 2004 by Walter Marcisz.

At this point, I started looking closely at cell towers. My friend was right. From what I could see, Monk Parakeets were indeed leap-frogging across the city and suburbs via cell towers. A couple of weeks later, I read Vernon Kleen's 2003 Breeding Season Report (Kleen 2004) in which he stated: "A contributor mentioned that the Monk Parakeet population may be expanding; however, appropriate documentation and supportive field notes were not provided for this report." After reading this statement, I knew it was time that someone got the Monk Parakeet expansion down on paper.

Chicago Arrival

Monk Parakeets are native to South America, breeding from Bolivia east and south through Paraguay and Uruguay, and south to the Rio Negro of Argentina (Meyer de Schauensee 1970). Over the years, thousands of Monk Parakeets have been imported legally to the United States for sale as pets. Inevitably, some of these imported birds have been released or have escaped into the wild. The first free-flying Monk Parakeets in the New York metropolitan area were reported in 1967 (Neidermyer & Hickey 1977), and the first Chicago-area sighting occurred in 1973 (South 1999).

There is some debate as to how Monk Parakeets first arrived in Chicago. According to urban legend the parakeets originally escaped from a damaged shipping crate at O'Hare International Airport, but it is at least as likely that the original Chicago birds were pets that were either intentionally released or able to escape from captivity (South & Pruett-Jones 2000). Concerns that the Monk Parakeet might become a significant agricultural pest led to a U.S. Department of Agriculture effort to extirpate the birds from the Hyde Park neighborhood of Chicago in 1988. The local reaction was the formation of a citizen's group (founded by Doug Anderson, a former Chicago Audubon Society president) which demanded public hearings to determine if the birds posed a danger to Illinois crops. The Department of Agriculture eventually backed away from its removal efforts (Moskoff 2003). Since that time, the Chicago parakeets have continued to flourish, and Monk Parakeet was officially added to the Checklist of Illinois State Birds in 1999 (IORC 1999).

Plumage and behavior

Monk Parakeets are about twelve inches long, with a silvery-gray forehead, face, and breast, and bright green upperparts. The tail is long. At close range, the birds are easily identified by these characteristics. In flight, the birds appear to be roughly the same size and shape as Mourning Dove (Zenaida macroura), but the parakeet's large-headed appearance and uniquely stiff wing-beats easily separate it from that species.

Monk Parakeets are unique among parrots in that they build massive, freestanding, communal stick nests; all other members of the parrot family nest in tree holes or cavities (Neidermyer & Hickey 1977, Sibley 2000). Because these massive communal nests are large and easy to see at a distance, I decided to track the expansion of Chicago-area Monk Parakeets by seeking out their nests.

A Monk Parakeet adds sticks to its nest in LaGrange Park (Cook County). Photo taken in 2004 by Abby Misen.

2004 Monk Parakeet Nest Surveys

During the second half of 2004, I tracked the spread of Chicago-area Monk Parakeets by doing a survey of their nest locations. Since it had become apparent that Monk Parakeets were actively using cell towers as nest sites, it seemed relatively easy to simply check Chicago-area cell towers for Monk Parakeet nests via surveys by car.

I conducted Monk Parakeet nest surveys on 4 and 11 July; 3 and 24 October; and 11, 20, and 28 November 2004. Since most Monk Parakeet nests at least appeared to be concentrated on the south side of Chicago and adjacent suburbs, I (somewhat arbitrarily) concentrated my efforts in these areas. Surveys were conducted by driving down major east-west streets at one mile intervals and checking cell towers for nests. Cell towers are very tall and Monk Parakeet nests are very obvious, so it was not at all difficult for me to detect Monk nests even at a distance of several city blocks. Moreover, major Chicago streets are purposely gridded at one mile (eight block) intervals (e.g. 111th St., 119th St.), facilitating my car surveys.

TABLE 1. 2004 CHICAGO-AREA MONK PARAKEET NEST LOCATIONS

	Location	Supporting Structure	# of Nests
COOK COUNTY			
Blue Island:	129th St & Gregory St	Tree(evergreen)	1 *,p,
Burbank:	81st-82nd at Sayre & Newland Aves	Trees(spruce), tel poles	9 p
Burnham:	141st-143rd Sts at Greenbay Ave	Trees, tel pole, sat dish	36 p
	143rd St & Torrence Ave	Cell tower	1 *
Calumet City:	156th St & Burnham Ave	Cell tower	1 *
	159th St & Burnham Ave	Cell tower	3 *
	163rd St & Burnham Ave	Satellite dish	1 *,^
Calumet Park:	121st St at I-57	2 Cell towers	5 *,p
Chicago:	Lawrence Ave & N Branch Chi River	Telephone pole	1 *,p
	Armitage Ave & Harlem Ave	?	1 *,p,a?
	Huron St & Pulaski Ave	Cell tower	1 *,p
	Lake St & Cicero Ave	Cell tower	1 a?
	Harrison St & Western Ave	Cell tower	1 p
	52nd-54th Sts at Cottage Grove Ave	Trees	51 p,1d
	53rd-54th Sts & Kimbark-Kenwood Ave	Trees, telephone pole	~5 p,2d
	53rd St & Lake Shore Dr	Trees	~5 p,1d
	54th Pl & Dorchester Ave	Trees(evergreen, sycamore)	2 *,p
	57th St & Cottage Grove Ave	Trees	4 p
	57th St & Lake Shore Dr	?	1 p
	59th St & Martin Luther King Dr	Trees	14 p
	59th St & Cornell Dr	?	1 p
	60th-62nd St at Lake Shore Dr	Light towers, tree	7 p
	63rd St at Jackson Pk Golf Course	Trees	5 p
	71st St & Stony Island Ave	Cell tower, tree	3 *,^
	79th St & lakefront (Rainbow Park)	Light towers	8 p
	87th St & Greenwood Ave	Cell tower	1 *,^
	87th St & Kenwood Ave	Telephone pole	1 *,p,^
	87th St & Commercial Ave	Cell tower	1 *,^
	89th St & S Chicago Ave(BessemerPk)	Trees	~10 p,^
	92nd St & Harbor Dr	Light tower	1 *,p
	95th St & State St	Cell tower	1 *,p,^
	95th St & lakefront (Calumet Park)	Trees, light tower	4 p
	99th St & Halsted St	Cell tower	2 *
	103rd St & Michigan Ave	Cell tower	1 *,^
	103rd St & CottageGroveAve(GatelyP)	Light towers	3 ^
	103rd St & Woodlawn Ave	Cell towers	2 *,^
	103rd St & Torrence Ave (St Kevin)	Cell towers	5 *,p
	111th St & Talman Ave	Cell towers	2 *
	111th St & Vincennes Rd	Cell towers	3 *,p
	119th St & Halsted St	Cell tower	4 *,^
	119th St & Ave O	Cell tower	2 *
	130th St & Ave O(Powers Cons Area)	Telephone poles	2 p,d
	135th St & Torrence Ave	Cell tower	1 *
Dolton:	Dolton Ave at I-94	Cell towers	3 *,^
LaGrange:	Shawmut Ave & IN Harbor Belt RR	Cell tower	2 *,p
Lansing:	Thornton-Lansing Rd at I-394	Cell tower	1 *,p
Midlothian:	147th St & Crawford Ave	Cell tower	5 *,^
Rubio Woods Forest Preserve:			
	143rd St & Ridgeland Ave	Cell tower	1 *,p
Skokie:	Oakton St & North Shore Channel	Cell tower	1 *,p
DUPAGE COUNTY			
Addison:	Armitage Ave & Addison Rd	Power transmission tower	8+ p
	Fullerton Ave & Villa Ave	Power transmission towers	6 p
Elmhurst:	Grand Ave & County Line Rd	Power transmission towers	7 p
MCHENRY COUNTY			
Richmond:	N of Rt 173, downtown Richmond	Water tower	1 *

City of Chicago surveys were conducted in an area bordered on the north by Pershing Road (39th Street) and on the south, west, and east by Chicago city limits. In the south suburban (Cook County) surveys, major streets were not always gridded out to Chicago specifications (i.e. one-mile intervals) so it was often necessary to substitute a nearby large street for a "standard" one-mile interval street (e.g. 147th Street as opposed to 151st Street). South suburban Cook County surveys were conducted in an area bordered on the north by 79th Street; on the south by 183rd Street from the county line east to Halsted Street and then Glenwood-Lansing Road east to the Indiana border; and on the west and east by the county line (Figure 1). During the 2004 car surveys, only cell tower nests were targeted, but if nests on telephone poles, trees, or other structures were observed they were also recorded.

In addition to the 2004 surveys by car, I posted a request for information on the Illinois birding listserv (IBET - administered by Sue Friscia and Michael Retter), and I also did a literature search on Chicago-area Monk Parakeet nests.

Survey Results

Approximately 250 Monk Parakeet nests at 53 separate locations in three northeastern Illinois counties were located during 2004 (Table 1). The largest numbers of nests were located within the city of Chicago, especially on the south side (Figure 1), but nests were also located in 14 different suburbs including two suburbs in DuPage County and one in McHenry County (Table 1).

Codes:

* = Nest site first discovered in 2004

p = Monk Parakeets observed at nest site in 2004

^ = Nest site visited on only one date in 2004

d = Nest site destroyed in 2004

a? = Nest site possibly abandoned in 2004

During the 2004 surveys, all nests were counted; no exceptions. For the purposes of this study, a nest was defined as any free-standing nest clump built by Monk Parakeets. The nests ranged from massive stick constructions with multiple openings, tunnels, and chambers to small clusters of sticks that were probably nests in the early stages of construction. I made no specific effort to determine if every nest found was active during 2004 (although many of the nest sites were clearly very active). My only criteria for inclusion in Table 1 was that a nest was present at a particular location during 2004. My main goal was in showing the footprint of where Monk Parakeets had actively constructed nests in recent history (Figure 1), as even the tiniest clump of sticks indicates recent activity by at least one Monk Parakeet.

For the purposes of this study, a location is defined as a nest or cluster of nests within a few city blocks of one another surrounded by a larger nest-free area (anywhere from several blocks to several miles). A good illustration of this concept is Washington Park, a city park within the Hyde Park area of Chicago. In Washington Park, I found one group of 51 nests clustered around the National Guard Armory between 52nd and 54th Streets at Cottage Grove Avenue and four nests clustered around the DuSable Museum at 57th Street just a little farther south on Cottage Grove. I found a third and final group of 14 nests at the southwest corner of Washington Park near 59th Street and King Drive. Based on our working definition, the Washington Park nests count as three separate locations (51, 4, and 14 nests). With a total of 69 nests, Washington Park is the epicenter of Chicago-area Monk Parakeet activity.

2004 MONK PARAKEET NEST LOCATIONS
(Cook and DuPage Counties, Illinois)

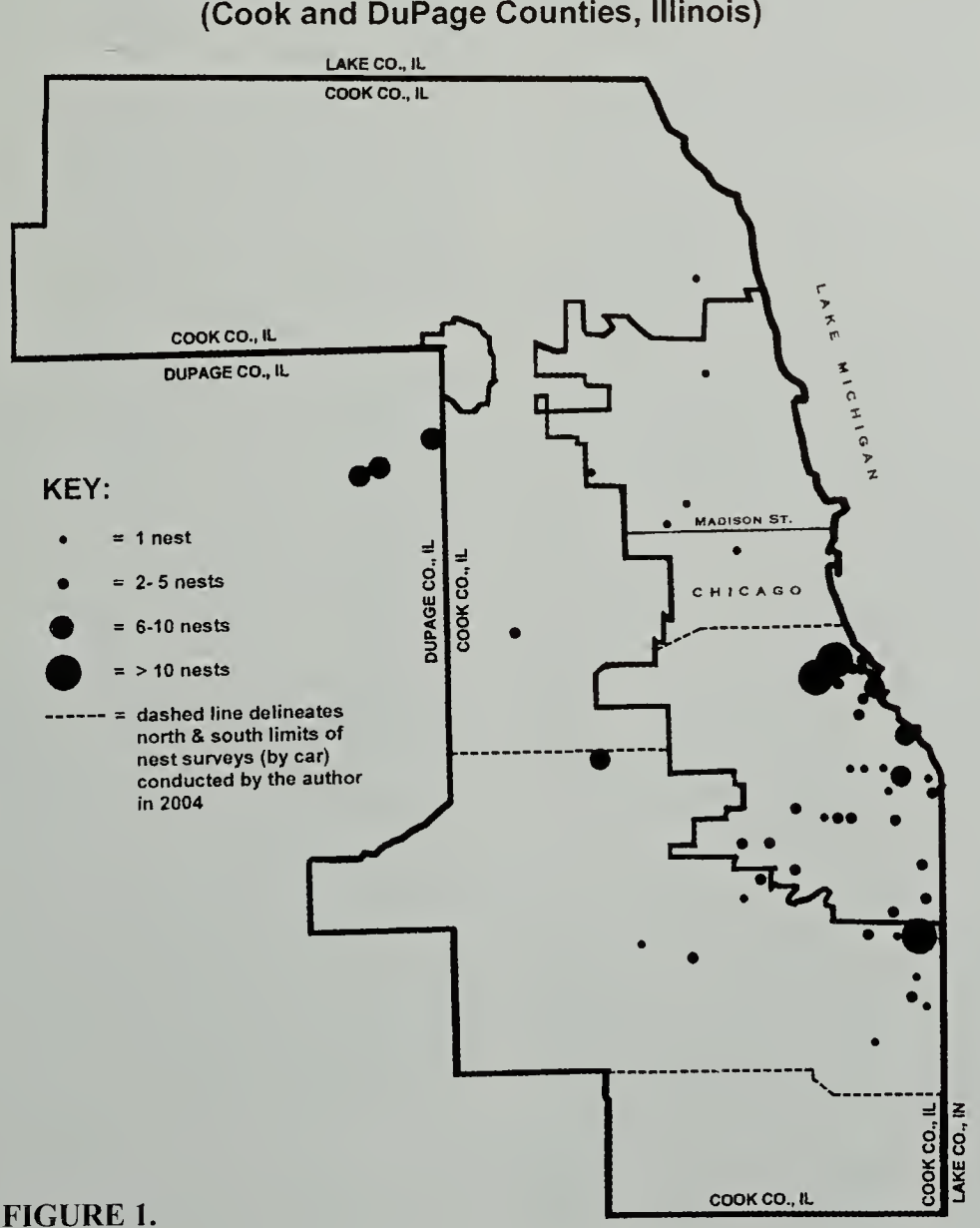


FIGURE 1.

First foothold

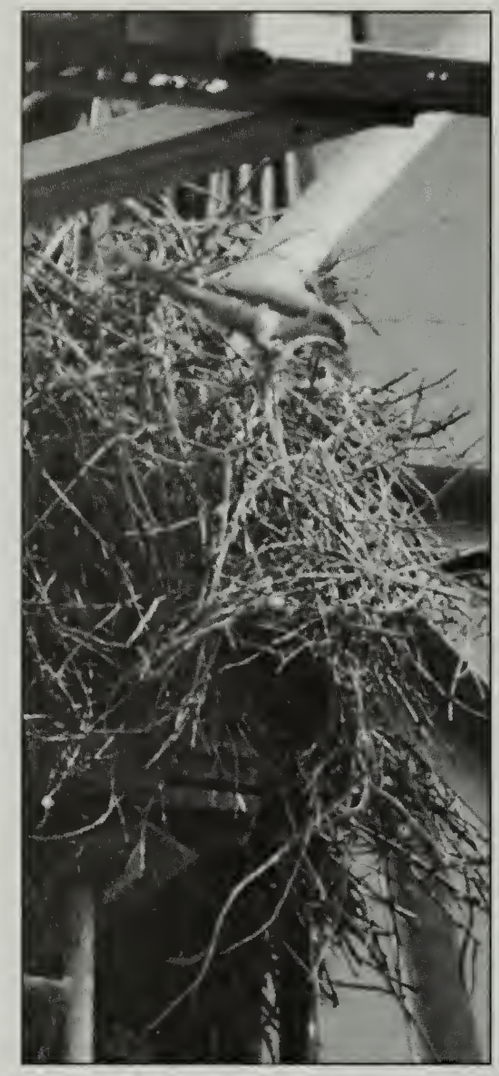
The first foothold established by Monk Parakeets in the Chicago area was in the Hyde Park area, and the Monks' presence clearly remains solid there. The total number of Hyde Park area nests (52nd Street through 63rd Street in Table 1) was approximately 95 in 2004, compared with a total of 48 Hyde Park nests in 1998 (South 1999).

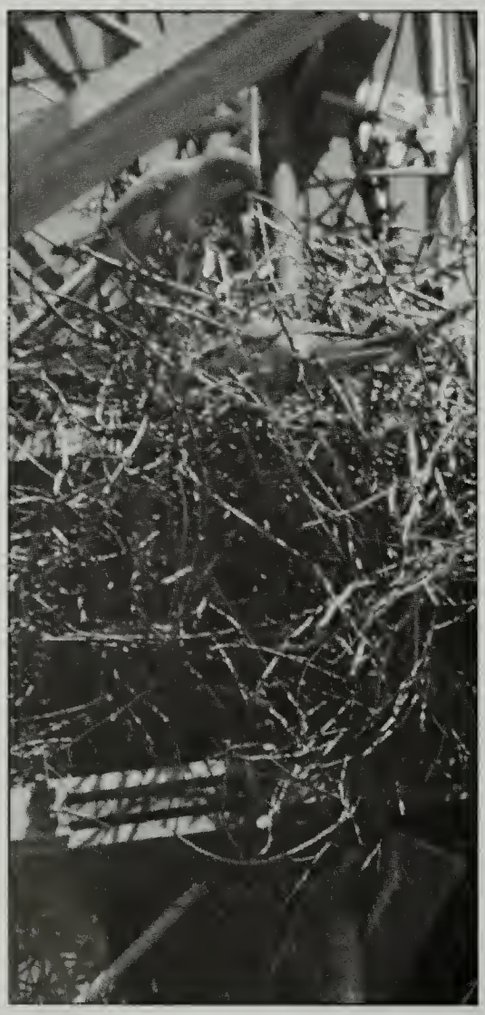
There were six known non-Hyde Park Monk Parakeet nest locations in Illinois in 1998 (South 1999) compared with 43 known non-Hyde Park Illinois nest locations in 2004 (Table 1). The largest of the suburban nest locations in 2004 was the active Burnham (Cook Co.) colony with 36 nests. Relatively large active colonies (6-10 nest range) were also located in Burbank (Cook Co.), Elmhurst (DuPage Co.), and at two locations in Addison (DuPage Co.) (Table 1, Figure 1).

Thirty-two of the nest locations listed in Table 1 were noted for the first time in 2004. Twenty-six total locations included nests on cell towers. Twenty-four of the nest locations first noted in 2004 included cell tower nests (a total of 53 new cell tower nests).

Mixed blessing that they are, cellular phones are here to stay. And for better or for worse, their supporting infrastructure of cell towers has provided numerous ideal new locations on which Monk Parakeets may build their nests. In effect, Monk Parakeets appear to be using cell towers as stepping-stones in their continued expansion across Chicagoland.

Monk Parakeets were definitely observed at 34 of the 53 total nest locations during 2004 (Table 1). The remaining 19 locations, however, were not necessarily inactive sites in 2004. Nine of these 19 nest locations were visited by an observer on only one date in 2004, so parakeets could easily have been missed even if present at the colony. Other nest locations where birds were not observed were cell





tower sites where nests are high off the ground and the birds are not easily observed. At least two Chicago cell tower nest locations were believed to have been abandoned in 2004 (A. Anderson, L. Munoz, personal communication) (Table 1).

The two active telephone pole nests at William W. Powers Conservation Area in Chicago were destroyed by electricians during the summer of 2004, but Monk Parakeets had already begun reconstructing both nests as of November 2004. Two telephone pole nests at Nichols Park in the Hyde Park area were also knocked down in 2004, but parakeets have begun to rebuild at least one of them (E. Marcisz, personal communication). In November 2004 I found one large stick nest on the ground near the Washington Park Armory (probably downed during a spell of bad weather). The most notorious of all of the Hyde Park area nests, a massive stick construction near 53rd Street and Lake Shore Drive, was also destroyed when the towering ash tree which supported it crashed to the ground in June of 2004 (Rybarczyk 2004).

Former Sites

Within Cook County, Illinois, a number of Monk Parakeet nest sites have been destroyed, abandoned, or otherwise eliminated. In Chicago, nest sites in the Sauganash area, at Foster Avenue and the North Branch Chicago River, at Columbus Park, at McKinley Park, and at the 64th Street Beach are now all gone (A. Anderson, P. Clyne, personal communication). Former suburban Cook County nest sites include an Arlington Heights colony (A. Anderson, personal communication) and a nest-building attempt in Evanston (D. Darnell, personal communication).

Within DuPage County, Illinois, a large active tree nest was formerly present on Schmale Road in Carol Stream, but it has been gone for at least five years and was probably destroyed (R. Coons, personal communication). Another DuPage County nest site, a tree nest on Carlton Street in Wheaton, is also now gone (R. Coons, personal communication).

Within Lake County, Illinois, an active colony of up to two telephone pole nests existed in Zion from 1993 through at least 1996 (Kleen 1994, Kleen 1997). These nests were eventually knocked down by telephone company employees (E. Walters, personal communication). There are no known remaining Lake County, Illinois nesting sites (D.B. Johnson, personal communication).

Indeterminate Sites

Within the city of Chicago, Monk Parakeet nest sites were reported at Winnemac Park and at Damen Avenue and Fulleron Parkway in 2003 (Kleen 2004). I have been unable to obtain updated information on these sites, but they very well may still be active. A colony of big nests located under el tracks near Englewood Academy on the south side of Chicago was very active a few years ago (J. Pollock, personal communication). I have had no recent reports from this area, and I personally was unable to find nests or birds during a trip to the area in November of 2004, but it is certainly possible that active nests still exist there. Monk Parakeet flocks have been reported in the Marquette Park area of Chicago (Sjostrom 2004). During a brief visit to the Marquette Park area in November of 2004 I found no nests, but I did see three flocks of Monk Parakeets (a total of 14 birds), strongly suggesting the presence of a nesting colony in the area.

I have been unable to obtain recent information on reported suburban Cook County nest sites at Berwyn (Sjostrom 2004), Des Plaines (A. Anderson, personal communication), and North Riverside (South 1999), nor have I been able to obtain recent information on the Bensenville (DuPage Co.) nest site (Sjostrom 2004). It is certainly possible that all of these colonies are still active.

Monk Parakeets at LaGrange Park, Cook County. Photos taken in 2004 by Abby Misen.

Bordering States

In June of 2004, Carolyn Marsh, along with John and Connie Wachala, watched four Monk Parakeets build four partial nests around electrical insulators at an electrical substation in Highland, Indiana. All four nests were gone 30 July 2004, perhaps blown down by thunderstorms or removed by electricians. Highland is in northern Lake County, Indiana, approximately three miles east of the Illinois state line. Given the relatively large number of Monk Parakeet nest locations in southeast Cook County adjacent to the Indiana border, it seems very likely that other nesting attempts by Monk Parakeets have already occurred in Indiana.

During the 1990s, a pair of Monk Parakeets nested on stadium lights on Sheridan Road in Kenosha (Kenosha Co.), Wisconsin (E. Engle, personal communication). I have been unable to obtain any more recent information on this location, but the nest may very well still be active.

Other Illinois Monk Parakeet Sites

An active Monk Parakeet nest was noted at Carlyle Lake (Clinton Co.), Illinois during the 2002 and 2003 breeding seasons (Kleen 2003, Kleen 2004). The Carlyle birds are believed to be local escapees which have begun nesting in the area, and not related to the Chicago-area population (Keith McMullen, pers. comm.). The nest that this colony of more than a dozen birds have been using was destroyed in January 2005 by the employees of the grain elevator that the nest was built on. No birds have been seen in the area since (S. Bailey, fide D. Kassebaum, pers. comm.)

Conclusions

I stress emphatically that the list of Chicago-area Monk parakeet nests I have compiled here is clearly incomplete. During my 2004 surveys by car, I was only looking for the most obvious nests (on cell towers), and there is no doubt that I missed many nests hidden in trees on quiet suburban streets. My survey area was also limited, and it is very likely that I also missed many nests that were outside of my survey area. Take my total number of nests at face value, but also definitely accept that many more Chicago-area Monk Parakeet nests exist than have been recorded here.

Secondly, in my efforts to document the current number of Chicago-area Monk Parakeet nests, I have made no actual attempt to estimate the number of Monk Parakeets currently existing in the Chicago-area. A 1996 study analyzing Christmas Count data found that Monk Parakeets in the U.S. increased from 33 reported birds in 1975-76 to 1,186 reported birds in 1994-95. These data fit the standard equation of exponential growth (Van Bael and Pruett-Jones 1996). The findings of that study certainly reflect the expansion of the Chicago-area Monk Parakeet population in recent years.

Barring unforeseen disease outbreaks, renewed governmental eradication efforts, or competition from new alien invasive species, it seems clear that the Chicago-area Monk Parakeet population will continue to increase dramatically in future years.

Acknowledgments

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An assessment of avian richness and relative abundance at Green Wing Environmental Laboratory, Lee County, Illinois

by Kelly J. McKay and Stephen B. Hager

The Turkey Vulture was documented during the breeding season at the Green Wing Environmental Laboratory during the authors' research. Eric Walters took this photo at Lincoln Trails State Park, Clark County, 3 April 2004.

Abstract

We measured avian richness and relative abundance at Green Wing Environmental Laboratory (GWEL), a biological field station which totals 1.7 km2 of wooded and wetland habitats in northcentral Illinois, from September 2001 through June 2002. We completed a total of six point count survey routes (two fall migration, one winter, two spring migration, and one summer breeding season), three waterfowl surveys, and two nocturnal surveys. We recorded 4,440 birds of 140 species, including 62 species of North American Migrants, 59 Neotropical Migrants, and 19 species of Permanent Residents. Richness and abundance were greatest during migration, intermediate during the breeding season, and lowest in winter. Our sampling effort during this project was relatively small, nevertheless avian richness was high. Blue Jays and American Crows were the most frequently encountered, as well as the most abundant species. The richness of the avian community suggests to us that GWEL may be functioning as a "habitat island" within a Midwestern landscape matrix dominated by agricultural row crops.

Introduction

Green Wing Environmental Laboratory (GWEL) is a biological field station located near the city of Amboy, Lee County, Illinois, in the northcentral part of the state (41 41'54"N and 89 16'33"W) and is associated with the Organization of Biological Field Stations. This site, acquired by Augustana College, Rock Island, Illinois, in the early 1990's, totals ca. 1.7 km2 of upland and lowland forests and wetland habitat (Fig. 1). Historically, habitat at this site has been relatively undisturbed, except for two areas (~1 ha each) modified for agriculture (corn field) and recreation (baseball field and a horse stable). These have since been abandoned and the corn field is now a cattail marsh, due to levee construction during its agricultural use that favored the development of a permanent pond. The recreational area is currently old field habitat. Most of the site consists of undisturbed black and bur oak forest, willow and cottonwood tracts, sedge meadows, and small pot-holes and streams (B. Dziadyk, pers. comm.). Little is known about the natural history of GWEL. Several current studies are underway that are aimed at describing its vascular flora and amphibian diversity. Prior to this study, nothing was known about the avian fauna at GWEL.

Knowledge of the avian community at GWEL is important in several respects. First, relatively little wetland, native forests, or prairie habitat are found in northcentral Illinois. It is estimated that European settlement has reduced these habitats by 99% and that less than 0.1% of high-quality natural areas remain today (Levin 2000). What remains needs to be preserved and understood for its biological value. Second, avian biodiversity in the United States is threatened in several ways. Results from the Breeding Bird Survey suggest that 25% of United States bird species are in decline or suspected of being in decline (Anonymous 2002). This, coupled with the fact that little native habitat remains in the Midwest, prompts the need for baseline ecological studies in regions of relatively undisturbed habitat and where no previous information can be found regarding avian diversity. To address these needs, we assessed species richness and relative abundance of the avifauna at GWEL. This information can be used in order to better understand avian population dynamics in the upper Midwest.

Methods

We conducted point counts along a 13-station route (Fig. 1) and repeated these counts 6 times in the early fall (3 September 2001), late fall (10 October

2001), winter (25 January 2002), early spring (30 March 2002), late spring (13 May 2002), and summer (30 June 2002) for a total of 78 point count surveys. All survey routes started at dawn and lasted ca. 4.5 h. We followed the weather protocol for the Breeding Bird Survey (Anonymous 2001). Each station was separated from other stations by at least 250 m and all stations were spaced throughout the site as evenly as possible. The unlimited-radius point count method (Bibby et al. 2000) was employed to estimate species richness and relative abundance. The duration of each point count was 5 min, which is long enough to identify most birds present and short enough to maximize the potential that all points are sampled in the morning hours (Fuller and Langslow 1984). At each point we identified the species present and the number of individuals seen and heard. We also recorded numbers and species of birds observed between points (interpoint data). Two nocturnal surveys were conducted in 2002 on 29 March and 13 May for species which are not diurnally active. Since most point count stations were not located near wetland sites, we also conducted three waterfowl surveys in 2002 on 16, 23, and 29 March in appropriate waterfowl habitat. We used the non-standardized random area search method for nocturnal and waterfowl surveys (Bibby et al. 2000).

The Bufflehead is one of the migratory duck species documented at Green Wing Environmental Laboratory. This Bufflehead was displaying at Lock & Dam 13, Whiteside County 6 March 2004. Photo by Eric Walters.

We combined data from all surveys to estimate species richness (# of species observed). Using only point count data, we calculated the frequency of occurrence (the percentage of total points at which a species was detected). Although this parameter is influenced by locations of survey points, species abundance, detectability, and migratory status, it provides a coarse estimate of how much of GWEL was used by each species. Additionally, relative abundance (the total number of individuals of one species divided by the total number of individuals of all species combined) was estimated for each species within a migratory class [North American Migrant, non-breeders (NAM), North American Migrant, breeders (NAMb), Neotropical Migrant, non-breeders (NTM), Neotropical Migrant, breeders (NTMb), and Permanent Residents (RES) (Bonney et al. 1995)]. We determined species to be breeders and non-breeders according to Bohlen (1989) and National Geographic (2002).

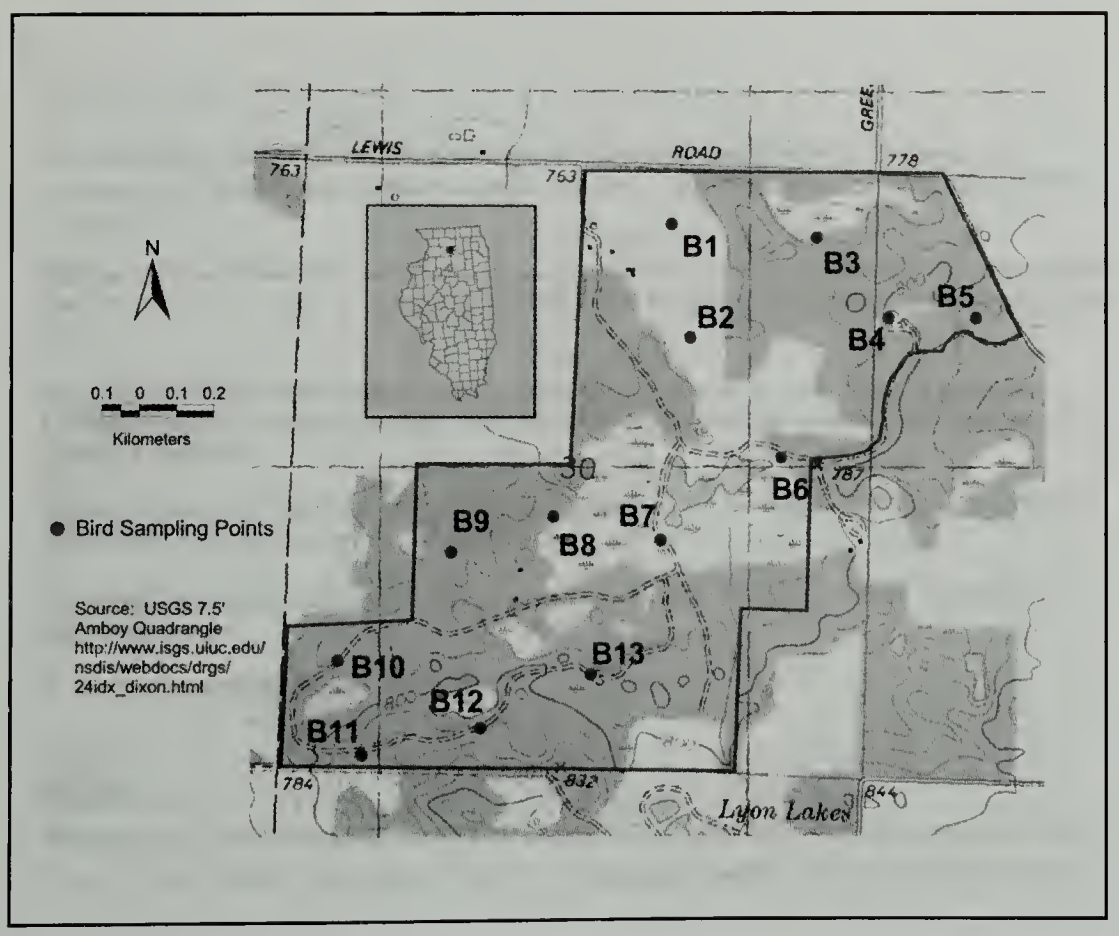

Figure 1. Map of Green Wing Environmental Laboratory showing avian point count stations, labeled B1-B13.

Results

We identified a total of 4,440 birds of 140 species (Appendix 1) including 62 species of North American Migrants, 59 Neotropical Migrants, and 19 species of Permanent Residents. Richness and abundance were greatest during migration (1,572 individuals of 115 species in spring and 1,954 individuals of 88 species in fall), intermediate during the breeding season (582 individuals of 55 species), and lowest in winter (332 individuals of 27 species).

Thirteen species had a frequency of occurrence greater than 20% (Table 1), which included one NTMb, five

NAMb, and seven RES species. Blue Jays and American Crows had the highest frequency of occurrence among these, as well as the highest absolute abundance, which is simply the total number of birds observed during point count surveys (Table 1).

Relative abundance of all birds observed during point count surveys is listed in Appendix 1. The most abundant NTM in early fall was the Lesser Yellowlegs, whereas in the late spring the Tennessee Warbler was most abundant. Breeding NTM passerines were observed in all survey periods except during the winter, early spring, and late fall. Blue-winged Teal, which was the only NTMb observed in late fall, and Gray Catbird were most abundant in early fall. In late spring, the Barn Swallow was the most abundant NTMb. However, during the summer survey abundance among the 23 NTMb species varied little (148 individuals). The most abundant NAMs were the White-throated Sparrow (late fall), Dark-eyed Junco (winter), Rusty Blackbird (early spring), and Yellow-rumped Warbler (late spring). Canada Goose, American Robin, Red-winged Blackbird, and American Goldfinch were the most abundant breeding NAMs. Seven Permanent Resident species were observed during every survey: Red-bellied Woodpecker, Downy Woodpecker, Hairy Woodpecker, Blue Jay, American Crow, Black-capped Chickadee, and White-breasted Nuthatch. Of these, jays and crows were the most abundant and frequently encountered residents throughout all surveys.

The Eastern Wood-Pewee was expected in greater numbers than found at the Green Wing Environmental Laboratory during the authors' research. Eric Walters took this photo in Evanston, Cook County 28 May 2004.

The following species were observed outside the time frame of our study: Snow Goose, Ruddy Duck, Bald Eagle (T. Roller, pers. comm.), Broad-winged Hawk, American Coot, Sandhill Crane, Greater Yellowlegs, Common Nighthawk, Willow Flycatcher, Cliff Swallow, and Mourning Warbler.

Discussion

During this study, we encountered a high diversity of species, including a large number of Neotropical Migrants. Although this site maintained a diverse avian community during the breeding season, spring and fall migration yielded the most species.

Despite the high richness, the results concerning the frequency of occurrence were unexpected. We found that 13 of 140 species (9.3%) of the taxa were found at >20% of the point count stations. None of these included non-breeding migrants and less than 50% of them were migrants, in general. Based on previous work using the same methods, in similar habitat types, and within the same geographic location (McKay et al. 1999), we expected that twice as many species would have been found at 20% or more of the count stations, and that this would have included some of the non-breeding migrants. It could be that small habitat islands such as GWEL are avoided by breeding migrants. On the other hand, low sampling effort may have skewed the results to favor residents being found at >20% of the stations. This is undoubtedly caused by the fact that many migrants, particularly the NTM species, were present only during the late spring, summer, and early fall surveys.

Our results show that forest interior breeders have low relative abundance. This was found for species

Table 1. Species with the highest values for frequency of occurrence (>20) and absolute abundance (top 10). See Methods section for definitions of migratory class.

	Species	Numerical Value	Migratory Class
Frequency of Occurrence	Blue Jay	80.8	RES
	American Crow	71.8	RES
	Northern Cardinal	48.7	RES
	American Goldfinch	41	NAMb
	Red-bellied Woodpecker	39.7	RES
	American Robin	35.3	NAMb
	White-breasted Nuthatch	34.6	RES
	Black-capped Chickadee	32.1	RES
	Red-winged Blackbird	26	NAMb
	Canada Goose	25.6	NAMb
	Downy Woodpecker	23.1	RES
	Gray Catbird	21.8	NTMb
	Brown-headed Cowbird	20.5	NAMb
Absolute Abundance	Blue Jay	207	RES
	American Crow	178	RES
	Red-winged Blackbird	162	NAMb
	American Robin	125	NAMb
	Northern Cardinal	93	RES
	Canada Goose	79	NAMb
	American Goldfinch	72	NAMb
	Killdeer	67	NAMb
	Red-bellied Woodpecker	62	RES
	Black-capped Chickadee	58	RES

such as Eastern Wood-Pewee, Wood Thrush, American Redstart, and Ovenbird. Moreover, forest edge species such as Mourning Dove, House Wren, and Indigo Bunting were found at lower relative abundances than expected. McKay et al. (1999), in a similar study, found doves, wrens, and buntings at higher relative abundances.

Frequency of occurrence and relative abundance demonstrated that Blue Jays and American Crows were found throughout most of the site and were the most abundant species. Additionally, these birds were present during all survey periods. Other species, such as the Red-bellied Woodpecker and Northern Cardinal, had a high frequency of occurrence, but low relative abundance among survey periods. This suggests that although few individuals were encountered during our surveys, they were nonetheless scattered somewhat evenly throughout the site.

Although GWEL may be beneficial to some taxa, it may negatively affect other species, such as some breeding NTMs. In a geographic sense, GWEL is a small patch of natural habitat in a highly fragmented landscape. Robinson et al. (1995) found that breeding NTMs in this region of the Midwest experience low reproductive success due to high nest predation and brood parasitism by Brown-headed Cowbirds compared to breeding NTMs in unfragmented, continuous large tracts of habitat. Therefore the authors speculate that fragmented sites, such as GWEL, may be functioning as "sinks" in source-sink population dynamics. As a consequence, low reproductive levels require constant immigration from "source" areas (unfragmented core areas) for populations within sinks to be maintained. Future studies at GWEL could address this hypothesis by determining which NTM species breed and estimating reproductive success, immigration, long-term site fidelity, and nest predation and parasitism by cowbirds on NTMs, especially in light of higher than expected relative abundance of cowbirds (McKay et al. 1999).

In a conservation sense, seven species were observed at GWEL that are suspected to be in decline according to the Audubon Watchlist 2002 (Anonymous 2002): American Woodcock, Red-headed Woodpecker, Wood Thrush, Golden-winged Warbler, Bay-breasted Warbler, Blue-winged Warbler, and Kentucky Warbler. Lastly, the Golden-winged Warbler is one of the top five species identified as being of high management concern (Thompson et al. 1993).

Overall, our results demonstrate the potential importance of GWEL to Midwestern avian populations, and suggest that the site may be functioning as a "habitat island" and migration corridor within a landscape matrix dominated by agriculture. Consequently, this may indicate the relatively high value of similar habitat "patches" within this region to avian populations.

Lesser Yellowlegs was one of the most common migrants at Green Wing Environmental Laboratory. Photo by Mary Kay Rubey.

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Appendix 1. Frequency of occurrence (all surveys combined) and relative abundance (separated by each survey) for all avian taxa observed at GWEL. Species observed outside of point count surveys are designated as: ** Waterfowl survey; † Nocturnal survey; and ‡ Interpoint data. See Methods section for an explanation of Frequency of Occurrence, Relative Abundance, and dates for each survey. AOU Check-list (2003) was consulted for taxonomic nomenclature.

			Relative Abundance					
Scientific Name	**Common Name**	**Freq. of Occurrence**	**Early Fall**	**Late Fall**	**Winter**	**Early Spring**	**Late Spring**	**Summer**
Neotropical Migrant (migration only)								
Tringa flavipes	Lesser Yellowlegs	2.6	32.4	—	—	—	—	—
Tringa solitaria	Solitary Sandpiper	1.3	2.9	—	—	—	—	—
Calidris melanotos	Pectoral Sandpiper	1.3	29.4	—	—	—	—	—
Calidris himantopus	Stilt Sandpiper	2.6	11.8	—	—	—	—	—
Vireo solitarius‡	Blue-headed Vireo							
Catharus minimus‡	Gray-cheeked Thrush							
Catharus ustulatus	Swainson's Thrush	5.1	14.7	—	—	—	9.1	—
Vermivora peregrina	Tennessee Warbler	2.6	5.9	—	—	—	27.3	—
Vermivora celata‡	Orange-crowned Warbler							
Vermivora ruficapilla	Nashville Warbler	1.3	—	—	—	—	9.1	—
Dendroica magnolia‡	Magnolia Warbler							
Dendroica tigrina‡	Cape May Warbler							
Dendroica virens	Black-throated Green Warbler	1.3	—	—	—	—	9.1	—
Dendroica fusca‡	Blackburnian Warbler							
Dendroica pinus	Pine Warbler	1.3	—	—	—	—	9.1	—
Dendroica palmarum	Palm Warbler	1.3	—	—	—	—	9.1	—
Dendroica castanea‡	Bay-breasted Warbler							
Seiurus noveboracensis	Northern Waterthrush	1.3	—	—	—	—	9.1	—
Wilsonia pusilla	Wilson's Warbler	1.3	—	—	—	—	9.1	—
Wilsonia canadensis	Canada Warbler	1.3	2.9	—	—	—	—	—
Melospiza lincolnii	Lincoln's Sparrow	1.3	—	—	—	—	9.1	—
	Total individuals		**34**	**0**	**0**	**0**	**11**	**0**
Neotropical Migrant (breeders)								
Anas discors	Blue-winged Teal	3.8	27.6	100	—	—	—	—
Coccyzus americanus	Yellow-billed Cuckoo	2.6	—	—	—	—	—	2.0
Caprimulgus vociferus†	Whip-poor-will							
Chaetura pelagica	Chimney Swift	1.3	—	—	—	—	—	1.4
Archilochus colubris‡	Ruby-throated Hummingbird							
Contopus virens	Eastern Wood-Pewee	15.4	8.6	—	—	—	1.5	7.4
Empidonax minimus	Least Flycatcher	1.3	—	—	—	—	0.8	—
Myiarchus crinitus	Great Crested Flycatcher	11.5	—	—	—	—	3.8	4.1
Tyrannus tyrannus	Eastern Kingbird	1.3	—	—	—	—	—	0.7
Vireo griseus‡	White-eyed Vireo							

Scientific Name	Common Name	Freq. of Occurrence	Relative Abundance Early Fall	Late Fall	Winter	Early Spring	Late Spring	Summer
Neotropical Migrant (breeders), *continued*								
Vireo flavifrons	Yellow-throated Vireo	2.6	1.7	—	—	—	0.8	—
Vireo gilvus	Warbling Vireo	3.8	—	—	—	—	0.8	1.4
Vireo olivaceus	Red-eyed Vireo	11.5	—	—	—	—	0.8	8.1
Stelgidopteryx serripennis	Northern Rough-winged Swallow	2.6	—	—	—	—	15.9	—
Riparia riparia	Bank Swallow	2.6	—	—	—	—	3.8	0.7
Hirundo rustica	Barn Swallow	3.8	5.2	—	—	—	22.7	—
Troglodytes aedon	House Wren	16.7	5.2	—	—	—	1.5	9.5
Polioptila caerulea	Blue-gray Gnatcatcher	5.1	—	—	—	—	2.3	1.4
Catharus fuscescens	Veery	6.4	3.4	—	—	—	1.5	1.4
Hylocichla mustelina	Wood Thrush	7.7	—	—	—	—	3.8	2.7
Dumetella carolinensis	Gray Catbird	21.8	27.6	—	—	—	6.8	10.8
Vermivora pinus	Blue-winged Warbler	1.3	—	—	—	—	—	0.7
Vermivora chrysoptera	Golden-winged Warbler	1.3	1.7	—	—	—	—	—
Parula americana	Northern Parula	2.6	—	—	—	—	1.5	—
Dendroica petechia	Yellow Warbler	3.8	—	—	—	—	4.5	0.7
Dendroica pensylvanica	Chestnut-sided Warbler	1.3	—	—	—	—	0.8	—
Mniotilta varia	Black-and-white Warbler	2.6	3.4	—	—	—	—	—
Setophaga ruticilla	American Redstart	5.1	6.9	—	—	—	1.5	—
Protonotaria citrea‡	Prothonotary Warbler							
Seiurus aurocapilla	Ovenbird	10.3	2.4	—	—	—	3.8	3.4
Oporornis formosus	Kentucky Warbler	1.3	—	—	—	—	—	0.7
Geothlypis trichas	Common Yellowthroat	15.4	4.8	—	—	—	8.3	12.2
Piranga olivacea	Scarlet Tanager	10.3	—	—	—	—	2.3	5.4
Spizella passerina	Chipping Sparrow	9	—	—	—	—	1.5	8.1
Pheucticus ludovicianus	Rose-breasted Grosbeak	11.5	2.4	—	—	—	3.8	6.1
Passerina cyanea	Indigo Bunting	11.5	—	—	—	—	1.5	10.1
Dolichonyx oryzivorus	Bobolink	1.3	—	—	—	—	0.8	—
Icterus galbula	Baltimore Oriole	6.4	2.4	—	—	—	3.0	1.4
	Total individuals		**58**	**40**	**0**	**0**	**132**	**148**
North American Migrant (migration only)								
*Anas strepera***	Gadwall							
Anas crecca	Green-winged Teal	3.8	—	28.8	—	—	—	—
*Bucephala albeola***	Bufflehead							
Accipiter striatus	Sharp-shinned Hawk	2.6	—	—	—	4.3	7.7	—
*Troglodytes troglodytes***	Winter Wren							
Regulus satrapa	Golden-crowned Kinglet	6.4	—	7.6	6.3	21.7	—	—
Regulus calendula	Ruby-crowned Kinglet	5.1	—	10.6	—	—	—	—
Catharus guttatus	Hermit Thrush	2.6	—	4.5	—	—	—	—
Dendroica coronata	Yellow-rumped Warbler	9	—	6.1	—	—	92.3	—
Spizella arborea	American Tree Sparrow	1.3	—	—	6.3	—	—	—
Passerella iliaca‡	Fox Sparrow							
Zonotrichia albicollis	White-throated Sparrow	7.7	—	37.9	—	—	—	—
Junco hyemalis	Dark-eyed Junco	10.3	—	4.5	62.5	13.0	—	—
Calcarius lapponicus	Lapland Longspur	2.6	—	—	—	8.7	—	—
Euphagus carolinus	Rusty Blackbird	2.6	—	—	—	47.8	—	—
Carpodacus purpureus	Purple Finch	3.8	—	—	18.8	4.3	—	—
Carduelis pinus	Pine Siskin	1.3	—	—	6.3	—	—	—
	Total individuals		**0**	**66**	**16**	**23**	**13**	**0**
North American Migrant (breeders)								
Branta canadensis	Canada Goose	25.6	1.5	17.0	—	12.2	14.8	—
Aix sponsa	Wood Duck	6.4	0.7	—	—	—	3.1	11.5
Anas platyrhynchos	Mallard	5.1	13.3	12.9	—	—	—	—
Anas clypeata	Northern Shoveler	1.3	0.7	—	—	—	—	—
Anas acuta‡	Northern Pintail							
Lophodytes cucullatus‡	Hooded Merganser							
Podilymbus podiceps	Pied-billed Grebe	1.3	0.7	—	—	—	—	—
Ardea herodias	Great Blue Heron	9	1.5	0.5	—	0.5	1.6	0.8
Butorides virescens	Green Heron	1.3	—	—	—	—	—	2.3

Scientific Name	Common Name	Freq. of Occurrence	Relative Abundance: Early Fall	Late Fall	Winter	Early Spring	Late Spring	Summer
North American Migrant (breeders), *continued*								
Cathartes aura	Turkey Vulture	3.8	—	0.5	—	—	1.6	—
Accipiter cooperii	Cooper's Hawk	2.6	—	—	—	1.5	—	—
Buteo jamaicensis	Red-tailed Hawk	9	—	0.5	15.0	1.5	0.8	0.8
Falco sparverius‡	American Kestrel							
Rallus limicola†	Virginia Rail							
Porzana carolina	Sora	2.6	—	—	—	—	1.6	—
Charadrius vociferus	Killdeer	15.4	14.8	20.6	—	2.9	0.8	—
Actitis macularius	Spotted Sandpiper	1.3	0.7	—	—	—	—	—
Gallinago delicata†	Wilson's Snipe							
Scolopax minor†	American Woodcock							
Larus delawarensis‡	Ring-billed Gull							
Larus argentatus‡	Herring Gull							
Zenaida macroura	Mourning Dove	12.8	2.2	—	—	1.5	—	6.2
Asio otus†	Long-eared Owl							
*Ceryle alcyon***	Belted Kingfisher							
Melanerpes erythrocephalus	Red-headed Woodpecker	7.7	0.7	1.5	—	—	1.61.5	
Sphyrapicus varius	Yellow-bellied Sapsucker	1.3	—	—	—	0.5	—	—
Colaptes auratus	Northern Flicker	7.7	0.7	0.5	—	0.5	0.8	1.5
Sayornis phoebe	Eastern Phoebe	5.1	—	1.0	—	—	0.8	0.8
Eremophila alpestris	Horned Lark	1.3	—	—	—	—	0.8	—
Tachycineta bicolor	Tree Swallow	1.3	—	—	—	—	11.7	—
Certhia americana	Brown Creeper	9	0.7	3.1	10.0	1.0	—	—
Cistothorus platensis†	Sedge Wren							
Cistothorus palustris†	Marsh Wren							
Sialia sialis	Eastern Bluebird	5.1	—	1.0	5.0	1.0	—	—
Turdus migratorius	American Robin	35.9	18.5	21.6	—	21.0	6.3	5.4
Toxostoma rufum	Brown Thrasher	2.6	—	—	—	—	—	1.5
Bombycilla cedrorum	Cedar Waxwing	10.3	6.7	6.7	—	—	—	3.8
Pipilo erythrophthalmus	Eastern Towhee	1.3	—	—	—	—	—	1.5
Spizella pusilla	Field Sparrow	5.1	—	—	—	—	0.8	3.1
Melospiza melodia	Song Sparrow	17.9	0.7	1.0	—	4.4	4.7	2.3
Melospiza georgiana	Swamp Sparrow	6.4	—	1.0	—	—	1.6	3.1
Agelaius phoeniceus	Red-winged Blackbird	26.9	18.5	3.1	—	34.1	25.8	21.5
Quiscalus quiscula	Common Grackle	16.7	—	—	—	9.8	0.8	13.8
Molothrus ater	Brown-headed Cowbird	20.5	—	—	—	7.8	11.7	10.8
Carduelis tristis	American Goldfinch	41	17.0	7.2	70.0	—	8.6	7.7
	Total individuals		**135**	**194**	**20**	**205**	**128**	**130**
Permanent Resident								
Meleagris gallopavo	Wild Turkey	2.6	—	—	0.9	—	—	1.9
Columba livia‡	Rock Pigeon							
Megascops asio†	Eastern Screech-Owl							
Bubo virginianus	Great Horned Owl	2.6	0.8	—	—	0.7	—	—
Strix varia	Barred Owl	1.3	0.8	—	—	—	—	—
Melanerpes carolinus	Red-bellied Woodpecker	39.7	5.5	13.1	5.6	13.3	5.6	2.9
Picoides pubescens	Downy Woodpecker	23.1	4.7	2.3	2.8	4.9	2.8	7.7
Picoides villosus	Hairy Woodpecker	16.7	2.3	1.7	2.8	2.8	4.2	1.9
Cyanocitta cristata	Blue Jay	80.8	32.0	30.1	25.2	30.8	22.2	25.0
Corvus brachyrhynchos	American Crow	71.8	18.8	25.0	35.5	18.9	29.2	23.1
Poecile atricapillus	Black-capped Chickadee	32.1	8.6	10.2	7.5	4.9	8.3	7.7
Baeolophus bicolor	Tufted Titmouse	1.3	—	—	2.8	—	—	—
Sitta canadensis	Red-breasted Nuthatch	3.8	0.8	0.6	—	0.7	—	—
Sitta carolinensis	White-breasted Nuthatch	34.6	10.2	4.5	16.8	1.4	1.4	7.7
Thryothorus ludovicianus‡	Carolina Wren							
Sturnus vulgaris	European Starling	7.7	—	2.8	—	3.5	5.6	—
Cardinalis cardinalis	Northern Cardinal	48.7	13.3	7.4	—	17.5	20.8	22.1
Carpodacus mexicanus	House Finch	7.7	2.3	2.3	—	0.7	—	—
Passer domesticus‡	House Sparrow							
	Total individuals		**128**	**176**	**107**	**143**	**72**	**104**

The Scissor-tailed Flycatcher in Illinois

with accounts of nesting attempts in 2003 and 2004

by Travis A. Mahan and Dan M. Kassebaum

Introduction

At least 105 reports of Scissor-tailed Flycatchers (*Tyrannus forficatus*) in Illinois have been recorded since the first observation near Peoria in 1885. These reports have occurred during most months of the year with the earliest arrivals found in mid-April and typical departures by the end of October. The earliest Illinois spring arrival is of a male found by Frank Bennett on 14 April 2002 at the Cypress Creek National Wildlife Refuge in Pulaski County (Clyne 2003). Doug Robinson found a Scissor-tailed Flycatcher during a Union County CBC on 29 December 1988, which constitutes the latest record for the state (Robinson 1996). Scissor-tailed Flycatchers have been found in at least 48 of the 102 counties in Illinois (see Figure 1), and though this species has been a regular visitor to Illinois for many years, it has only recently been confirmed as part of Illinois' nesting avifauna. To date, there are only SIX confirmed nesting records: Breeding Bird Survey Route 34-060 in Randolph County, 2000 (Kleen et al. 2001); Mississippi River Levee in Union County, 2001 (Bailey 2002); Tower Island Chute in Jackson County, 2003; Big Muddy River on the Jackson and Union County line, 2004; and near the town of Lenzburg in St. Clair County – 2004. Only THREE of these nesting attempts have been successful with the Randolph County pair and the 2003 Jackson County pair fledging two young each. In addition, Eric Walters found a nest, likely the second nesting of the failed first nest along the Big Muddy River on the Jackson/Union County line in 2004. The local landlord near the site said he saw a family group later that summer (pers. comm. Eric Walters, fide S. DeVore).

Scissor-tailed Flycatcher photos taken by Eric Walters in 2004.

These nesting records have a similar pattern of occurrence in that they are all close to the Mississippi River or one of its main tributaries, namely the Big Muddy River and the Kaskaskia River. Several historical observations follow this same geographical trend, which implies that Scissor-tailed Flycatchers have probably been nesting in Illinois for quite some time. During the nesting season of 1968, a male Scissor-tailed Flycatcher was observed along the Mississippi River Levee in Monroe County on 26 May (Comfort 1968a); a female was observed nearby on 6 June (Comfort 1968b). This pair likely nested, but published data have no details of such an occurrence. Prior to the first confirmed nesting record in Randolph County the summer of 2000, a Scissor-tailed Flycatcher had been observed along the same BBS route on 3 June 1995 (Johnson 1998). Another report of a single flycatcher during the spring of 2001 was within a couple miles of the 2000 nest site (Kleen et al. 2001). The presence of a pair during May of 2002 along Brink Road in Clinton County was suggestive of a nesting attempt, but unfortunately, one of the birds succumbed to traffic (Joe Smothers - pers. comm.). This 2002 record was the third consecutive year that Scissor-tailed Flycatchers had been observed along Brink Road. A few miles west of this location, a Scissor-tailed Flycatcher was observed in Eldon Hazlet State Park by the park staff during the summer of 1998.

Several immature Scissor-tailed Flycatchers have been noted in Illinois, which is suggestive of local breeding. The oldest report of an immature was on 25 July 1970 between the towns of Cobden and

Anna in Union County (Fawks 1970). Todd Fink discovered an immature on 5 September 1982 near Belleville in St. Clair County; it remained to 9 September (Bodman 1982). Considering this report of an immature, observations of Scissor-tailed Flycatchers near Belleville during the next two consecutive fall seasons of 1983 and 1984 represent potential nesting activity. Leonard Stanley reported an immature Scissor-tailed Flycatcher near Rend Lake in Franklin County on 2 September 2001; it was seen at this location until at least 23 September 2001 (Chapel 2002). Another immature was observed by Frank Bennett on 2 July 2002 near the town of Joppa in Massac County (Kleen 2003). A family group (unknown number of immatures) was also noted by the landowner near the nest site on the Jackson/Union County line in 2004 (pers. comm. - E. Walters). Immatures have been recorded in close proximity to Carlyle Lake in Clinton County on several dates: Brink Road on 19 August 2000, Brink Road from 12 August through 25 August 2001, and Coles Creek Road from 2 September through 9 September 2001. Noting the presence of immature birds in 2000 and 2001, as well as the presence of a pair in 2002, these records near Carlyle Lake become of special interest because they present an apparent case of breeding range expansion to the northeast along the Kaskaskia River watershed.

Most of the records above display the propensity of Scissor-tailed Flycatchers to return to certain sites each year. Marked site fidelity has not only been observed in Illinois but also during banding studies within their core range in southwestern Oklahoma. A study of Scissor-tailed Flycatcher breeding biology conducted by Jonathan Regosin and Stephen Pruett-Jones of the University of Chicago presented some interesting findings concerning the extent of site fidelity that is observed in some Scissor-tailed Flycatchers. From mid-March through mid-August of 1991 and 1992, Scissor-tailed Flycatchers were banded within a study area in southwestern Oklahoma and their breeding biology was monitored and

Top: Scissor-tailed Flycatcher sitting in nest. 19 June 2004. Union County.
Bottom: Scissor-tailed Flycatcher near nest. 19 June 2004. Union County. Photos by Travis A. Mahan.

compared between the two years (Regosin and Pruett-Jones 1995). Of the 15 banded females that returned to the study area in 1992, six (40.0%) nested in the same tree used in 1991, five (33.3%) nested within 100 meters of the 1991 nest site, and only four (26.7%) nested farther than 100 meters away from their 1991 nest site (Regosin and Pruett-Jones 1995). Also of interest, none of the 110 nestlings that they banded in 1991were found within the study area in 1992 (Regosin and Pruett-Jones 1995). With these facts in mind, the likelihood that Scissor-tailed Flycatchers successfully nested in Clinton County is very high. This statement could also be made for the St. Clair County birds during the early 1980s.

Accounts

Jackson County - 2003

On 5 July 2003, H. David Bohlen, Myrna Deaton, Dan Kassebaum and I were scouring a large portion of southern Illinois in search of regional specialty species such as Black Vulture (*Coragyps atratus*), Mississippi Kite (*Ictinia mississippiensis*), Purple Gallinule (*Porphyrio martinica*), Black-necked Stilt (*Himantopus mexicanus*), and Least Tern (*Sterna antillarum*). While driving north along Route 3 about three miles south of Grand Tower in southern Jackson County, Dan spotted a pale bird perched on a utility wire that was approximately 100 yards to the west of the road. We knew that a pair of Scissor-tailed Flycatchers had been seen nearby during the 2003 Spring Bird Count, so we thought this bird was a likely candidate for one of the flycatchers. Myrna made a speedy turnabout putting us in the southbound lane of this busy road. Closer inspection clinched the identification as a Scissor-tailed Flycatcher, but the sex was unclear at the time. The bird soon flew off into some nearby vegetation, but when it flew out I noted that this bird had a longer tail. At that time, we realized that we were seeing a male and that we must have originally observed a female. Both birds would eventually come into sight as they perched in nearby trecs and on the utility wires that ran parallel to Route 3. The pair was actively feeding in acrobatic forays from their perches. After one such foray, the femalc was observed to feed another Scissor-tail - a juvenile! As expected, the juvenile bird possessed a shorter tail than the adult female and had more prominent pale edging to the flight feathers than those of the adults. A yellowish wash to the flanks and perhaps the belly was also noted. We observed the female feed this begging young bird at least three times with one of the prey items appearing to be a dragonfly (*Odonata sp.*). The family group remained close to an isolated grove of three large sycamores (Platanus occidentalis) that had other medium-sized trees and shrubs growing near the base of the cluster. Two of the sycamores had sparse canopies while one had leaves of a typical density. The sycamores were present along the eastern shore of the Tower Island Chute with a strip of agricultural land positioned between the cluster of trees and Route 3. It was thought that the nest tree was within this group of sycamores.

Dan observed a second juvenile at the same location on 13 July 2003. This would be the last day that Scissor-tailed Flycatchers were seen at this particular location; however, Craig Litteken spotted a solitary bird within three miles of this spot on 16 July 2003. The sighting took place less than a mile east of Route 3 along Howardton Road (500 N) on the south end of Oakwood Bottoms in Jackson County. The brevity of the sighting prevented identification to age or sex.

Jackson and Union Counties - 2004

In hopes of finding a rare wader or some other summer-time rarity, Dan Kassebaum and I made a trip to several southern Illinois counties on 5 June 2004. One of our target species was the Scissor-tailed Flycatcher. We thought that our chances of finding one, or even a nesting pair, were good because Andrew Spencer found one at the Big Muddy River along the county lines of Union and Jackson on 1 May 2004. This location is immediately south of the Tower Island Chute where we confirmed successful nesting during 2003. We maintained an active search image for Scissor-tailed Flycatchers while driving north along Route 3 near the Big Muddy River and the Tower Island Chute.

As we were passing by Lower Chute Road in Jackson County, Dan spotted a pale bird harassing a crow (*Corvus sp.*). I found a place to turn around and quickly drove into Lower Chute Road. Within a few seconds, we found the bird sitting in the middle of the road and identified it as a female Scissor-tailed Flycatcher. It was flushed by a passing van shortly after we found it. We watched it fly for approximately a mile south toward the Big Muddy River until the distant speck was too small to see. Anticipating the location to which it had flown, we drove to the northern levee road (Island Road) along the north shore of the Big Muddy. After a short drive along the levee road, a scan of the nearby trees and vegetation yielded a Scissor-tailed Flycatcher perched in the middle of an eastern cottonwood (Populus deltoides). The bird seemed to have a longer tail than the female we had seen earlier. When

Scissor-tailed Flycatcher at Union County. 18 June 2004. Photo by Travis A. Mahan.

it flew from the tree, it was obvious that this bird was a male. The male flew to a fallow agricultural field to the north of the levee road, which is where we relocated the female. Both were observed flycatching from short perches atop weeds in this low, weedy field.

Given that we confirmed the presence of a pair, we decided to watch their actions to hopefully find evidence of nesting. An isolated clump of small trees at the border of this fallow field was a good candidate for a nest site given that the birds were spending quite a bit of time feeding in this area. The male was observed to perform a series of aerial somersaults along a horizontal plane near this group of trees. After this display, the male flew to a large pecan (*Carya illinoensis*) south of Island Road that was likely on the Union County side of the river. We had since lost sight of the female, so we decided to follow the male in hopes that he would lead us to a nest. We drove west along the southern levee road on the Union County side and found the male still perched high atop the pecan. Within minutes, the male flew to a nearby cottonwood. He would eventually make several short flights to a few of the tallest trees in the area, but returned to this tall and ragged cottonwood on a perch close to the center trunk that was obscured by foliage. The cottonwood was approximately 0.7 mile west of Route 3 and north of the southern levee road. From our viewpoint on the levee, Dan and I got out our spotting scopes to inspeet the male's perch. Dan quickly located a modest nest just below the male, then, seemingly out of nowhere, the female landed in the tree and sat in the nest. The nest appeared to be a loose cup of grasses and weeds situated on a horizontal branch on the eastern side of the tree. The distance from our observation point on the southern levee road to the nest prevented detailed looks to determine the composition of the nest materials. Upon further scanning of the cottonwood, an Eastern Kingbird (*Tyrannus tyrannus*) nest was found within a few feet of the Scissor-tailed Flycatcher nest. We were surprised by this discovery given the very aggressive behavior typically exhibited by the Tyrannus genus when defending territories and nest sites. No interspecific interactions were noted between the two pairs during our period of observation. In fact, we observed the females of both species sitting on their respective nests at the same time. I'm certain that any potential predator that wandered near this tree was penalized severely.

During this time of the year, the Big Muddy River was at flood stage, so most of the trees were standing in deep water including the nest tree and the willows (*Salix sp.*) at the lower edges of the levee roads. This made guesswork of the county line designations and tree heights, but we estimated the nests to be about 50 ft above the surface of the water. On several occasions, the female was observed to feed among some of the flooded vegetation along the river and was seen perched near ground-level on logs deposited from flood water. She was also noted to visit a particular group of dead trees directly in front of us appearing to collect small insects, which she then returned to her nest. Her behavior suggested that she was feeding young, but we were unable see the heads of hungry chicks to confirm this possibility. The pair remained in the immediate area of the nest site for the remainder of the afternoon. We never viewed the Scissor-tails on the east side of Route 3 during our stay, though our initial sighting was approximately a mile to the north of the nest site.

The nest site was believed to be in Union County given that the cottonwood appeared to be on the south side of the main river channel. If this were

true, it would provide Union County with its second confirmed nesting record. But similar to the county's first nesting record in 2001, this nesting attempt also failed. A few observers were able to view the pair and the nest before mid-June at which point severe storms accompanied by intense winds apparently destroyed a significant portion of the nest tree, including the nests of both the Scissor-tailed Flycatchers and the Eastern Kingbirds. During a visit to the area on the weekend of 3 July 2004, Eric Walters commented that he observed more than 85 recently downed trees in the La Rue - Pine Hills Natural Area. Additional comments from a local resident indicated that two trees near to the nest site were also destroyed in the storm (IBET report - 5 July 2004).

Table 1. All known records for the counties that have confirmed nesting attempts

Date	Details	Location	Documentation/Publication
Clinton County			
2002 May	pair / road kill	Brink Road	Joe Smothers - pers. comm.
2001 Sept 2-9	immature	Coles Creek Road	D. Kassebaum - M 11:2:76
2001 Aug 12-25	immature	Brink Road	D. Kassebaum - M 11:2:76
2000 Oct 9	1	Carlyle Lake - Pumping Station # 2	D. Kassebaum - M 10:2:75
2000 Sept 24-25	1	Carlyle Lake - Dam West Spillway	K. McMullem, IOS - M 10:2:75
2000 Sept 9-10	1	Brink Road	D. Kassebaum - M 10:2:75
2000 Aug 19	immature	Brink Road	Kassebaum, McMullen, Bennett - M 10:2:75
1998 "Summer"	1	Eldon Hazlet State Park	Hazlet Staff - pers. comm.
1992 July 10	1	Carlyle Lake - Dam East Boat Launch	Mark Seiffert - pers. comm.
Jackson County			
2004 June 5 - July 8	2 nests / failed	Big Muddy River Levee	Kassebaum, Mahan, McKee - Current issue of Meadowlark
2004 May 1	1	Big Muddy River Levee	Andrew Spencer - IBET
2003 July 16	1	Howardton Rd - Oakwood Bottoms	Craig Litteken - IBET
2003 July 5-13	nest / 2 young	Tower Island Chute	Kassebaum, Bohlen, Deaton, Mahan - M 13:1:32
2003 May 7-11	pair	Big Muddy River Levee - SBC	V. Kleen et al. - M 12:4:152
1999 April 24	female	Big Muddy River Bridge	T. McNeely, S. Kinder - M 8:4:153
1987 May 12	female	Makanda Township	R. Zoanetti - IBB 3:4:94
1987 late April	1	near De Soto	R. Woods, M. Woods - Robinson 1996
1949 May 20	1	north of Murphysboro	R. Brewer - Smith and Parmalee 1955
Monroe County			
1999 May 8	1	near Harrisonville - SBC	Sadorf, Regan, Elftman - M 8:4:153
1998 Aug 3-9	1	sw of Kidd - Mississippi River Levee	D. Kassebaum, A. Seppi - M 8:2:75
1972 May 9	1	Mississippi River Levee	P. Snetsinger - NN 44:7:77
1968 June 6	female	Mississippi River Levee	M. Wiese - NN 40:7:63
1968 May 26	male	Mississippi River Levee	E. Comfort, H. Hill - NN 40:7:63
1967 May 20	1	Kidd Lake Road - Fults	J. Ruschill, WGNSS - NN 39:7-8:50
Randolph County			
2001 "Spring"	1	BBS Route 34-060	D. Newman - IAB 278:18-19
2000 June 8	nest / 2 young	BBS Route 34-060	D. Newman - IAB 278:18-19
1999 July 5	1	Prairie Du Rocher	D. Kassebaum - M 9:1:34
1995 June 3	1	BBS Route 34-060	R. Danely - M 7:2:59
1969 "Summer"	1	Sparta	fide Richard Anderson - Graber et al. 1974
St. Clair County			
2004 June 6-26	nest / failed	Route 13 - Lenzburg	Dever, Kassebaum, Mahan, Seppi - Current issue of Meadowlark
1984 Oct 26-27	adult male	Mulligan Road - Belleville	B. Stumpf, T. Fink - NN 56:10:84
1983 Aug 8-9	1	Fairview Heights	B. Boesch, S. Vogel - NN 55:8:74
1982 Sept 5-9	immature	Green Mount Lane - Belleville	T. Fink - NN 54:9:78
Union County			
2001 May 5 - July 25	nest / failed	Mississippi River Levee - SBC	V. Kleen, S. Bailey - M 10:4:153, M 11:1:34
1988 Dec 29	1	northwest of Wolf Lake - CBC	W. D. Robinson - Robinson 1996
1970 July 25	immature	near Cobden and Anna	W. George, S. Vasse - IAB 156:21

The severe weather must have passed through between 16 June and 26 June 2004 because Kay and Michael Kutska observed the pair of Scissor-tailed Flycatchers and their nest on 16 June 2004, but then upon returning on 26 June, they noted that the nests were missing as was much of the nest tree's upper canopy (IBET report - 29 June 2004).

Evidently after the storms destroyed their nest, the pair shifted their activity farther east, closer to Route 3. Several people reported seeing the pair feeding on the southern levee road and in trees within a few hundred feet of Route 3. Eric Walters was the first to report that the pair of Scissor-tailed Flycatchers had constructed a new nest in a different cottonwood. His initial observations took place on 3 July 2004. Later details indicated that Cindy McKee had previously found this nest on 26 June 2004. The orientation of the new nest was similar to the original because it, too, was placed on an eastern branch. The new cottonwood was reported to be the first tree on the southern levee road immediately to the west of Route 3, which was within Union County. Eric observed the female flycatching from this tree and even noted that she perched on the utility wires on the east side of Route 3. Eric stated that the female spent a significant amount of time brooding at the nest, but he did not observe any behavior indicating that young had hatched (IBET report - 5 July 2004). Marlys Oosting reported seeing the male as well as the female on her nest on 8 July 2004 and described seeing the male bring food to the female on the nest (IBET report - 8 July 2004). Several observers trying for the Scissor-tails after 8 July found neither member of the pair and noted that Common Grackles (*Quiscalus quiscula*) were roosting in the second nest tree. Brian Herriott, Dan Kassebaum, and I visited this site on 17 July 2004 and found large concentrations of grackles still present along the Big Muddy. In fact, we also noted that grackles were perched on the nest tree. We were unable to locate a nest in this tree, so it is possible that the grackles or some other entity removed the nest. However, another nest was found by Eric Walters about one-half mile away from this site, and later landowners reported a family group there. This could likely have been the renesting of the pair whose nest may have been destroyed by the grackles.

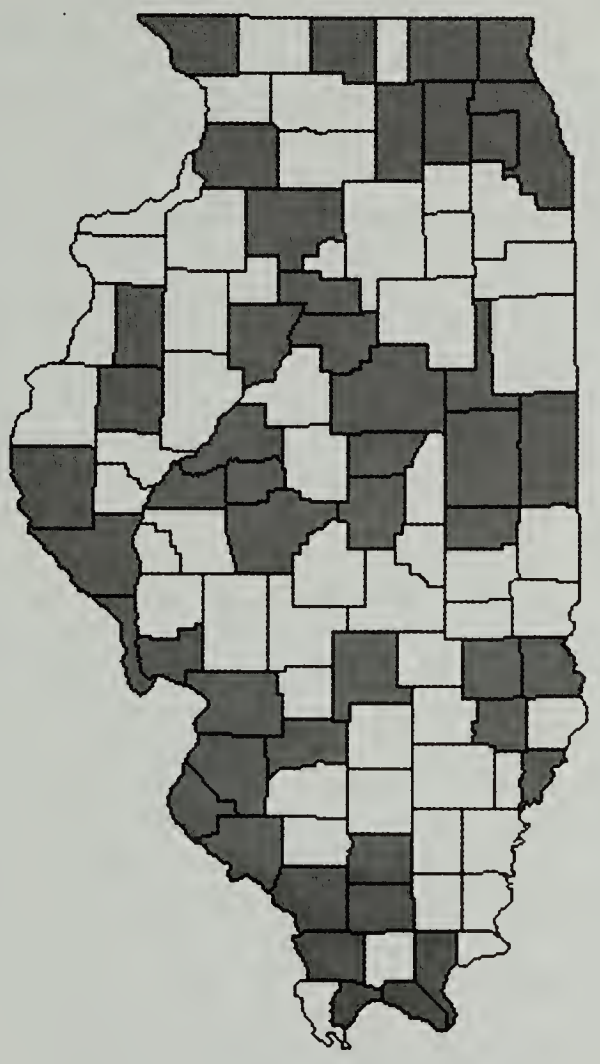

Figure 1. An Illinois map highlighting 48 counties with Scissor-tailed Flycatcher records. Shaded counties have one or more reports within their respective borders.

St. Clair County - 2004

On 6 June 2004, Tim Dever discovered a male Scissor-tailed Flycatcher near the town of Lenzburg in St. Clair County. After hearing about this sighting from a phone conversation with Tim, Dan Kassebaum checked the area on 17 June 2004 and found a female along with the previously reported male. He did not find evidence of nesting on this date. Dan and I, later joined by Albert Seppi, visited the site on 19 June 2004 and easily found the pair feeding in an overgrown agricultural plot on the east side of Fred Huth Road at its intersection with Route 13. At the time, the field was being cut by a local farmer with his old tractor. The Scissor-tailed Fly-catchers took advantage of this situation for feeding and would remain very close to the tractor as it passed. Both birds spent large amounts of time sitting on the ground atop the freshly cut grass and weeds. Occasionally, the birds would perch along the utility wires that ran parallel to Fred Huth Road. It wasn't long after Albert arrived that we saw the female fly in a straight and direct path to the south across Route 13 to one of the few large trees in the immediate area. We thought this "directness" was peculiar and decided to scope the tree to see if there was a nest. Indeed there was! Dan and I found the female attending to a grassy mass near the center of the tree. The nest was placed in a Siberian elm (*Ulmus pumila*) positioned in the yard of a small farming complex complete with a barn, grain elevators, Rock Pigeons (*Columba livia*), and a house, all of which were on the south side of Route 13. The nest site was in a hazardous position for the flycatchers — it was less than 75 ft away from a very busy highway.

By chance, some people that Albert knew drove by and stopped to see what we were watching. We pointed to the Scissor-tailed Flycatchers feeding quite close in the field next to us along Fred Huth Road. When we showed them the nest in the yard across the street, they mentioned they knew the landowners. With permission from the homeowners, we were soon viewing the flycatchers and their nest at close range. This position gave us the ability to approximate that the nest was about 30 ft high. The close view of the nest also allowed us to determine that it was loose mass of plant material largely composed of dried grasses and woody stems. Once in a while, the female would bring material to the nest. After inserting

the material into the nest structure, she would sit in the nest apparently forming the inside cup. On the occasions that the female flew to the nest, the male would soon follow and perch conspicuously on a high branch. Several of these flights were dangerously low over the highway. During the three hours that we observed the pair, they spent most of their time feeding and gathering nest material in the overgrown field on the north side of Route 13.

Quite a few birders were able to observe these birds, especially St. Louis area residents. The last known observation of the Scissor-tailed Flycatchers from this location took place on 26 June 2004. Ultimately, this nesting attempt failed. Observers noted that the pair was being harassed by European Starlings (*Sturnus vulgaris*) on 25 June 2004. Dan Kassebaum checked the area on 27 June 2004 and found a large group of Common Grackles roosting in the nest tree; furthermore, the pair of flycatchers was missing, and the nest was gone. Apparently, the nest succumbed to predation, and the pair moved on to a new location. No other Scissor-tailed Flycatcher reports would come from this area during the remainder of 2004.

Conclusion

Illinois has had a steady flow of Scissor-tailed Flycatcher reports over the past 120 years with reports continually on the rise. The year 2004 was exceptional for Scissor-tailed Flycatchers in Illinois; there were three confirmed nesting attempts and eight additional sightings away from these nest sites. Scissor-tailed Flycatchers have nested or attempted to nest in Illinois during four of the past five years. More nesting attempts will certainly be documented in the future, but unfortunately, birding activity is low in many areas of the state where this species is most likely to nest.

All known records for the counties that have confirmed nesting attempts (Jackson, Randolph, St. Clair, and Union) have been listed in Table 1. The records from Clinton and Monroe Counties have also been included in the table since observations suggest that nesting has likely occurred within their borders. Immediately noticeable in the table are the recurring sightings in similar habitat and at specific sites. The number of sightings within the Mississippi River floodplain is significant as it indicates a long-term presence of Scissor-tailed Flycatchers in the region since at least the late 1960s. The observation of a pair in Monroe County during the summer of 1968 with many more subsequent sightings along the bottomlands of the Mississippi River present the possibility that Scissor-tailed Flycatchers have been nesting in Illinois for much longer than recorded.

Some reports of Scissor-tails in southern Illinois during late spring and early summer have precluded nesting attempts, and in a few of those cases, nesting was not observed until several years later. Prior to the nesting records of 2003 and 2004 near the Big Muddy River, a female had been photographed by Terry McNeely and Steve Kinder at the river on 24 April 1999 (Clyne 2000). This situation is very similar to that observed in Randolph County when a Scissor-tailed Flycatcher was found during the summer of 1995 close to where a pair nested in 2000. Clutch initiation has been found to be strongly correlated to the spring arrival of females at the nesting grounds (Regosin and Pruett-Jones 1995), so from late April through the breeding season, observers should carefully examine the behaviors and movements of any female found in suitable habitat because there may be evidence of nesting.

The site fidelity exhibited by this species will probably play an important role in the discovery of future nesting attempts. Checking areas that have had previous nesting activity may yield interesting results. Will the pair return for another nesting attempt near Lenzburg? Will the Big Muddy River pair be successful in 2005? There's only one way to find out.

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Editor's Note: *As this issue goes to press, a Spring Bird Count tally of a Scissor-tailed Flycatcher from The Nature Conservancy's Grassy Slough Preserve in Johnson County was reported by Illinois Natural History Survey ornithologist, David Enstrom, Ph.D. This record brings to 49 the number of counties where this species has been found in Illinois.*

Clay-colored Sparrows successfully nest in DuPage County

with comments on possible expansion as a breeding species in Illinois and Iowa

by Joe Suchecki and Sheryl De Vore

Clay-colored Sparrow at DuPage County, June 2004. Photo by Joe Suchecki.

While walking through Springbrook Prairie Forest Preserve in Naperville, DuPage County 11 May 2003, I heard the characteristic buzz-buzz-buzz of a Clay-colored Sparrow (*Spizella palida*). Finding a Clay-colored Sparrow in northeastern Illinois in spring is not unusual since the species is a regular migrant through this region. However, as I approached the field where the sparrow was singing, I heard another, and another. In all, I detected seven males singing in this one field, which was certainly the largest number of Clay-colored Sparrows I had ever observed in Illinois in one day.

The Clay-coloreds were in one of the many old field habitats at Springbrook Prairie. The habitat is a mixture of non-native grasses with numerous shrubs (gray dogwood, multiflora rose) and small trees (< 10 ft) scattered over an area of about five acres and bordered by more mature tree rows. The field appeared to be suitable nesting habitat for this species, and I consistently found the birds at this same field throughout May. The singing males were remarkably faithful to their song perches and appeared to be defending territories.

As June approached, the number of singing males declined until only three were present. I searched for breeding evidence and nesting behavior and finally observed a copulating pair in late June and one adult feeding two fledglings on 12 July. This confirmed the first-known nesting record for this species in DuPage County.

Male Clay-colored Sparrows are known to be very faithful to their breeding territories, and Knapton (1994) reports that as many as 76% of males return to the same territory in succeeding years. Hoping for the best, I again checked the Springbrook field where the birds nested in 2003 and was pleased to find several males on territory in May 2004. At least three males were on territory and presumably nesting in the same shrubby field where the species nested the previous year. In addition, a fourth pair was located in a different shrubby field about 0.5 miles away from the first location. Successful nesting for a second year in a row was confirmed 26 June 2004, when I observed an adult carrying food and feeding a fledgling.

In 2004, Clay-colored Sparrows also were present at other locations in northeastern Illinois, and there were at least two other confirmed nestings. June sightings of territorial males (or pairs) included Timber Ridge Forest Preserve in northern DuPage County (personal observation); Orland Grassland, southern Cook County where Wes Serafin observed a Clay-colored Sparrow singing continuously on 26 June and chasing Field Sparrows from his area; and Lakewood Forest Preserve, Lake County where Steve Bailey found two counter-singing males on 13 May and returned 19 June to find a male and a female. Later in July he discovered a used Clay-colored Sparrow nest at the base of a small sapling (S. Bailey pers. comm.). Judy Mellin confirmed nesting Clay-colored Sparrows at Poplar Creek Forest Preserve in northwestern Cook County in both 2003 and 2004. She observed Clay-colored Sparrows feeding young 26 June 2004 at Poplar Creek in about the same spot she had seen it nesting in 2003. The males each year had different songs, according to Mellin, with the 2003 male singing a two note buzz and the male from 2004 singing a one-note buzz. She posits that the 2004 male could have been an offspring of the 2003 male. Eastman (2000) wrote, "Each male possesses one or two distinct song types that remain consistent: differences between the types exist in the number of buzzes voiced and total song length. Thus individual males make life easier for researchers of this species by reliably identifying themselves in the field."

Jon Duerr confirmed an adult Clay-colored Sparrow with three juveniles in the north section of the Aurora West Forest Preserve, Kane County, in 2004. Scott Cohrs said he was birding the preserve 9 July 2004 when he heard two Clay-colored Sparrows singing along with a Bell's Vireo nearby. Scott contacted Jon, suspecting the sparrows might be breeding. Jon returned 11 July and observed a female Clay-colored Sparrow foraging with three juveniles within the branches of a young apple tree. The family moved around in other shrubs. In 2004, where the spar-

rows nested, Kentucky blue grass, smooth brome and quackgrass dominated the area, with lesser amounts of wild grape, Virginia creeper, hairy aster, rough avens, teucreum, Canada thistle, common milkweed, bindweed and dandelion. A shrub layer is forming were where the plants are 1 to 3 m high and are spaced approximately 10 m apart. No species dominates and the highest shrubs are apple, American elm and black cherry. Clones of gray dogwood, multiflora rose and blue-fruited dogwood were one to two meters high. A few buckthorn and hawthorn were also present (J. Duerr pers. comm.) .

So in 2004, a minimum of four confirmed nestings of Clay-colored Sparrows occurred in Illinois, one each in DuPage, Lake, Cook and Kane Counties.

Knapton (1994) shows the normal breeding range of this species to be the northern tier of states from upstate New York west to Washington and northwest in Canada to the Northwest Territories. In the Midwest, the normal breeding distribution includes the northern two-thirds of Wisconsin and Minnesota. However, recent range expansions to the east and south are noted.

Bohlen lists isolated summer season records for northern Illinois including June and July records for Lake and Cook counties in the 1970s and 1980s. However, confirmed nesting was only reported at a Rockton area Christmas tree farm, Winnebago County, where two nests were found in 1983 (Pucelik & Pucelik 1984). A review of past breeding season reports in the *Meadowlark* provide evidence of periodic nesting of this species at this site until 1998 when no males were present at their traditional nesting locations.

An interesting question is whether the presence of Clay-colored Sparrows in several northeastern Illinois locations over the last two years represents a geographic expansion of the species' normal breeding range or simply an aberration. I speculate that the initial appearance of seven singing males in one field at Springbrook Prairie in 2003 was the result of unusual circumstances during migration that carried this small flock of birds off course. Their appearance was preceded by very strong and consistent westerly winds of 40-50 mph a day or two before their arrival. Perhaps finding themselves blown by the strong westerly winds into unfamiliar territory but suitable habitat, and reinforced by their singing rivals, the males remained and were able to attract later migrating females through their persistent song.

However, the fact that there were several likely breeding pairs at other suitable habitat sites in northeastern Illinois in 2004 as well as confirmed breeding at Poplar Creek in 2003 and 2004, confirmed breeding in Kane County in 2004 and confirmed breeding in DuPage County in 2003 and 2004, and at least attempted breeding in Lake County in 2004 may suggest a more general and widespread cause for the species' appearance. A singing male, recorded on an Illinois Natural History Survey bird census in Winslow Township in Stephenson County on 3 July 2004 by Bill Reddinger (pers. comm S. Bailey), and apparently on territory, makes one wonder if this unusual breeding range expansion was even more widespread. Interestingly, Clay-colored Sparrows, relatively uncommon summer residents of Iowa's prairies, pastures and brushy fields, have also just been confirmed as breeders in contemporary history (Hall 2004). Most summer reports come from northwest Iowa. Nesting records are rare, and have been reported in Kossuth, Winnebago, Jackson and Emmet counties – in the early 1900s. Hall (2004) researched grassland bird productivity in northwest Iowa in 2003 and 2004; he and his field technicians found and monitored five Clay-colored Sparrow nests, two found in June 2003 and three in June 2004 – four of these were on a 160-acre prairie remnant in west-central Dickinson County, the other was on a 3,500-acre restored grassland complex in east-central Dickinson County.

These nests were built an average of 6.6 inches above the ground in plants including leadplant, wild bergamot, buckbrush and *Solidago sp.* In 2003, young fledged from both nests. In 2004, two of the three nests failed, possibly due to predation; none contained Brown-headed Cowbird eggs. "Although it has been suspected for several years that Clay-colored Sparrows nest in Iowa, these nests finally document the presence of a small breeding population," wrote Hall.

Birders should continue monitoring known Illinois nesting locations as well as search other suitable habitats in northern Illinois to document whether this species is becoming a normal component of the state's breeding avifauna, or whether this is just a temporary, interesting phenomenon.

Acknowledgments

Special thanks to Scott Cohrs and Jon Duerr for providing information on the nesting Clay-colored Sparrows in Kane County and Judy Mellin for information on the Clay-colored Sparrows nesting at Poplar Creek in Cook County for two consecutive years. Also thanks to Steve Bailey for the Stephenson County record as well as the Lake County nesting attempt.

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Ospreys successfully nest at Carlyle Lake

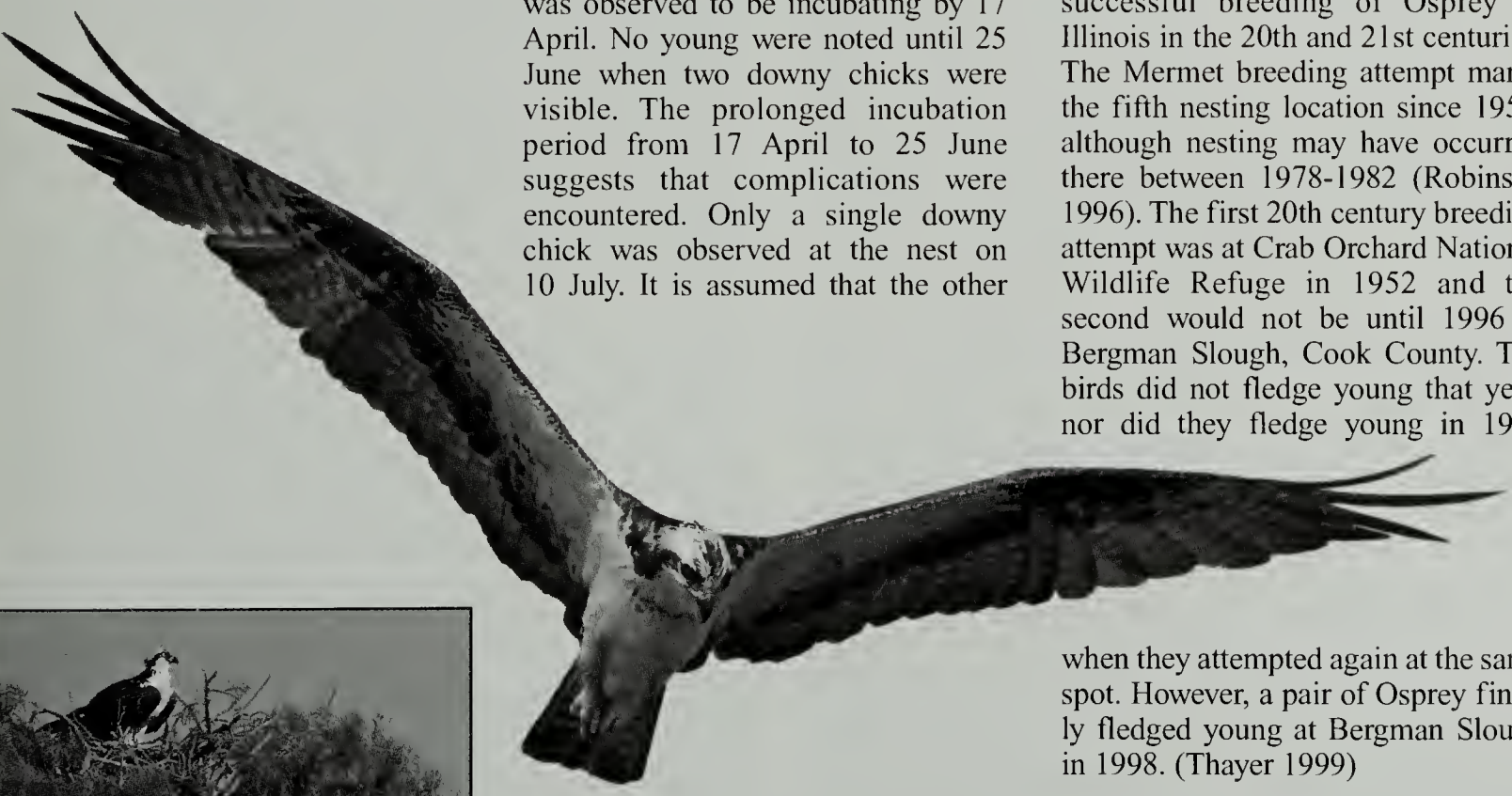
by Travis A. Mahan

Throughout the summer of 2003, Dan Kassebaum noted a banded pair of Ospreys engaging in courtship behavior at the James Hawn Access at Carlyle Lake, Clinton County. The pair was also found to be interested in constructing a nest as they were observed carrying large sticks to a dead tree that stood in the middle of a sheltered cove. Dan approached Dick Connor of the U.S. Army Corps of Engineers to advise the construction of nesting platforms away from the main cove given the proximity of the Ospreys' activity to an area of frequent boat traffic. Within a short amount of time, Dan and Keith McMullen were invited to participate in the construction of three nesting platforms, two of which were placed at Whitetail Access and one at James Hawn Access.

The pair of Ospreys returned to the James Hawn Access the next spring and were first noted on 3 April 2004. By 17 April, the pair had completed construction of a nest atop the platform placed in 2003. The female was observed to be incubating by 17 April. No young were noted until 25 June when two downy chicks were visible. The prolonged incubation period from 17 April to 25 June suggests that complications were encountered. Only a single downy chick was observed at the nest on 10 July. It is assumed that the other chick perished. The remaining chick survived to fledge as it was observed in flight on 21 August 2004.

In addition, a pair of Ospreys fledged one young 15 August 2004 at Lake Calumet's Powderhorn Marsh, Cook County, (pers. comm. W. Marcisz). A nest at Mermet Lake, Massac County, in May and June failed after a storm (pers. comm. K. McMullen).

These confirmed, successful nestings at Carlyle Lake and Powderhorn Marsh represent the second and third successful breeding of Osprey in Illinois in the 20th and 21st centuries. The Mermet breeding attempt marks the fifth nesting location since 1952, although nesting may have occurred there between 1978-1982 (Robinson 1996). The first 20th century breeding attempt was at Crab Orchard National Wildlife Refuge in 1952 and the second would not be until 1996 at Bergman Slough, Cook County. The birds did not fledge young that year, nor did they fledge young in 1997 when they attempted again at the same spot. However, a pair of Osprey finally fledged young at Bergman Slough in 1998. (Thayer 1999)



Top: Osprey adult with two chicks in nest platform at Carlyle Lake, Clinton County. Photo taken 26 June 2004 by Travis A. Mahan.

Osprey in flight at Lake Mermet, Massac County. A pair there did not successfully fledge young. Photo taken 4 July 2004 by Eric Walters.

Left: Osprey at nest in Mermet Lake. Photo by Eric Walters.

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Field Notes
2004 Breeding Season

by Vernon M. Kleen, Compiler

Clay-colored Sparrow drawing by Eric Secker

The 2004 Breeding Season was somewhat cooler and drier than usual with average statewide temperatures one to two degrees and rainfall one or more inches below normal. However, the more than normal spring moisture was adequate to retain the quality of nesting vegetation and, as Larry Hood noted, the weather was "...quite good for nesting birds." He also noted that in west-central Illinois "...breeding success, based on singing males or young birds seen, was good... for the Northern Bobwhite, Yellow-billed Cuckoo, Chimney Swift, Eastern Phoebe, Eastern Wood-Pewee, Eastern Kingbird, Eastern Bluebird, American Robin, Gray Catbird, Rose-breasted Grosbeak, Indigo Bunting, Dickcissel, Chipping Sparrow, Eastern Meadowlark and Common Grackle. Species that did not seem to do well this year included: Black-capped Chickadee, Field Sparrow, Vesper Sparrow and Grasshopper Sparrow." Alan Anderson chimed in noting that 2004 was the "year of the Henslow's Sparrow."

Some of the most interesting breeding records this year included: Gadwalls (Hennepin-Hopper Lake), Northern Shovelers (Prairie Ridge State Natural Area), Redheads (Hennepin-Hopper Lake), Ruddy Ducks (several locations), Pied-billed Grebes (several locations), Ospreys (Lake Calumet, Carlyle Lake and Lake Mermet), Peregrine Falcons (traditional Chicago-area locations and Madison County), King Rails (Prairie Ridge State Natural Area), Virginia Rail and Sora (northeastern counties), Common Moorhen and American Coots (several locations), Black-necked Stilts (attemped nesting in at least two locations), Spotted Sandpipers (northeastern counties), Ring-billed Gulls (roof-tops at Des Plaines), Black Terns (Lake County), Barn Owl (Franklin County), Scissor-tailed Flycatcher (St. Clair and Union counties), Sedge Wren (widespread in large numbers), Henslow's Sparrow (large numbers in many locations), Blue Grosbeaks (expanding range), Painted Bunting (St. Clair County – return of banded male) and a major range expansion of the Clay-colored Sparrow (DuPage, Cook, Lake and Kane counties). *See article in this issue.*

Some of the more disappointing accounts because of the lack of nesting records were for: Swainson's Hawk (nests, but no fledglings), Forster's Tern (both nesting colonies failed, Sandhill Crane (fewer than expected numbers reported), Yellow-bellied Sapsucker (none reported), and Brewer's Blackbird (nesting not reported).

In regards to NBSO (non-breeding summer occurrenee) records, the following deserve special mention: American White Pelicans (several locations – still waiting to be confirmed as a nesting species), Black Vulture (Kane County), Swallow-tailed Kites (St. Clair and Brown counties), Merlin (Lake Chautauqua NWR), Laughing Gulls (at Chicago's KFC restaurant and two other locations), Franklin's Gulls (three locations including attempted nesting at Hennepin-Hopper Lake), other gulls (Lake Michigan sites), Caspian Terns (several northeast locations — still not confirmed as a breeding species), Black Skimmer (Springfield), Black-throated Green and Blackburnian warblers (Lowden-Miller State Forest), Swainson's Warbler (Heron Pond Nature Preserve — first observation during breeding season in many years), and Mourning Warbler (Illinois Beaeh State Park).

As has become traditional, the quantity and quality of notes submitted for the annual Breeding Season report continues to be extraordinary. Had more of the traditionally regular contributors made their notes available as well, it would have been even more phenomenal. This continues to prove that Illinois' field observers desire to provide a detailed record of Illinois ornithological history. So, as always, MANY THANKS to all of you who took the time to prepare and submit notes for inclusion in this Report. I urge you to continue doing so every year. I also wish to thank and congratulate the dozens of you who completed your assigned Breeding Bird Survey routes again this year; I hope you are pleased with the outcome of those results as they appeared in The Illinois Breeding Bird Atlas. Finally, the following persons are responsible for the data in this compilation and are individually acknowledged after the records they provided. As usual, considerable effort was made to be sure all printed information is correct, properly acknowledged and can be traced to the original source documents (now in the permanent record file) from which it was obtained. (Please aceept my apologies if your name was inadvertently omitted or misspelled).

Cited observers: Alan Anderson, Barb Anderson, Jill Anderson, Steve Bailey, Arlene Brei, David Bohlen, Dale Bowman (DBw), John Berstrom, Rebecca Blazer, Richard Bjorklund (RBj), Sigurd Bjorklund (SBj), Steve Bailey (SB), Elizabeth Chato , Melinda Chapman, Scott Cohrs, Al Dierkes, Donald Dann, Sheryl De Vore, Jon Duerr, David Enstrom, Bob Fisher, Matt Fraker, Urs Geiser, Frank Holmes, Leroy Harrison (LH), Larry Hood (LHo), Mary Hennen, Roger Hotham, Tharron Hobson, Rhetta Jack, Betty Kannapel, Dan Kassebaum, Vernon Kleen, Tom Lerczak, Charley Marbut (ChM), Carolyn Marsh (CaM), Keith McMullen (KM), Judy Mellin, Robert Montgomery, Tom May (TomM), Travis Mahan (TM), Walter Marcisz, Carol Nelson, Judy Pollock (JP), Sharon Parmet, Bill Reddinger, Kevin Richmond, Lee Ramsey, Michael Retter, Phil Reyburn, Rhonda Rothrock, Brad Semel,

Andrew Spencer, Bob Shelby (BS), Bill Stairs (BSt), Doug Stotz (DS), Eric Secker (ES), Muriel Smith, Roger Shamley, Scott Simpson, Wes Serafin, Joe Suchecki, Craig Thayer, Deb Thomas, Chris van Wassenhove, Dan Williams, Geoffrey Williamson, Eric Walters, Jeff Walk, Mike Ward, Sally Wagoner, Jim Ziebol.

Some records not printed here may still be under IORC (Illinois Ornithological Records Committee) review; when completed, they will appear in the published IORC report. As standard policy, all observers, regardless of experience, must fully document all unusual observations. Easy to use documentation forms are availabe from IORC Secretary, Doug Stotz, Environment and Conservation Program, Field Museum of Natural History, Roosevelt Road and Lake Shore Drive, Chicago, IL 60615. Completed documentation forms of "listed" species should be submitted to the IORC Secretary within one week of the observation.

Please see page26 for printing aides and abreviations.

Greater White-fronted Goose
NBSO: Chau (weak flight abilities), 18-25 June (RBj, SBj).

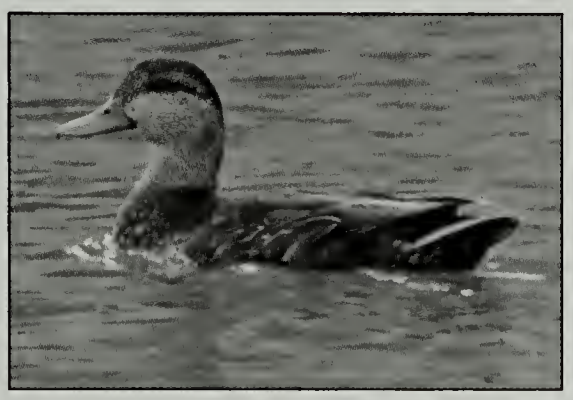
Snow Goose
NBSO: SangL, 24 July (EW); CarlL (*Bond*) (2-3 – injured?), 12 June – 25 July (DK).

Canada Goose
Breeding: *Jo Daviess* (4 broods = 19 yg), 23 May (DS); GardenPrSl (brood of 4), 18 July (DS); Schaumburg (6 broods = 21 birds), June (AA); Midlothian (Cook Co) (brood of 5), 16 June (AA); Palatine (brood of 5), 9 July (AA); BusseWoods (7 broods = 48 yg), 15 June (AA); Des Plaines (Cook Co) (brood of 6), 6-12 June (AA); Chi (Grant Park) (3 broods = 18 yg), 11 May (DS); Chi (Garfield Park) (11 broods = 62 yg), 30 May (AA); Chi (Humboldt Park) (brood of 3), 10 July (AA); Chi (Douglas Park) (3 broods), 10 May – 11 July (AA); Chi (Wolf L) (12 broods, 1-8/brood), 31 May (DS); Chi (Powderhorn L) (3 broods = 11 yg), 31 May (DS); LCal (165 ads and yg), 13 June (WM, JA); LCal (Big Marsh) (brood of 3), 31 May (DS); Chi (Calumet Park) (brood of 4), 31 May (DS); Palos (2 broods, 2 & 6), 11 June (DS); HennepinL (9 broods, 2-11/brood), mid-May – early July (DS); Lock and Dam 18 (Henderson Co) (9 broods w/ 72 yg), 18 June (DS); *St. Clair* (75 in multiple broods), 2 June (DK); MermetL (60 incl. yg), 27 June (KM et al.); HL (50 incl. yg), 22 June (KM). **MC**: 400, LCal area (ads & yg), 9 July (DS); 298, Chau, 23 July (RBj, SBj); 165 (see above); 65, RLCA, 2 Aug. (RJ); 60, *Monroe*, 21 July (DK); 40 (incl. many yg), Palos, 17, June (SB); 40, CarlL (*Fayette*), 22 July (DK).

Mute Swan
Breeding: RedwingSl (3 nests), 3 May and (3 broods = 10 yg), 25-26 June (SB, SD); Rosemont (Cook Co) (brood of 3), 1 July – 10 Aug. (AA); Chi (Powderhorn Marsh) (3 broods = 10 yg), 31 May (DS) and (3 broods = 13 yg), 12 June (WM), Chi (Wolf L) (2 broods = 12 yg), 31 May (DS), and (brood of 3), 17 June (WM); LCal (Deadstick Pond) (brood of 6), 8 May (WM) and (brood of 4), 9 & 15 July (DS); Banner Marsh (Fulton Co) (5 broods, 1-6 yg/brood), 7 Aug. (EW); Spfld (brood of 5), April through August (VK); Millstadt (St. Clair Co) (pr. w/ 3 yg), 2 June (DK). **MC**: 56 (34 ads & 22 yg), LCal area, 31 May (DS); 20, Redwing Sl, 31 May (EW) and 17, 25-26 June (SB,SD).

Wood Duck
Breeding: GardenPrSl (brood of 14), 3 July (DW) and (brood of 10), 18 July (DS); Fabyan Woods FP (Kane Co) (brood of 12), 19 June (UG); McHenryDam (brood of 6), 3 July (DW); RedwingSl (16 yg), 26 June (SB); Broberg Marsh (Lake Co) (2 broods = 21 yg), 22 June (SB); Schaumburg (1 yg), 12 June (AA); Midlothian (Cook Co) (brood of 5), 16 June (AA); Chi (Garfield Park) (brood of 6), 30 May (AA); Chi (Douglas Park) (4 broods = 19 yg), 11 July (AA); Chi (Humboldt Park) (brood of 11), 10 July (AA); Chi (Columbus Park) (brood of 3), 13 Aug. (AA); MidewinPr (brood of 3), 4 July (DS); SongBird (brood of 6), 24 June (AA et al.); HennepinL (20 broods, 3-14/brood), mid-May to late July (DS); ChinBluffs (brood of 8), 6 June (MF); *Sangamon* (broods of 8 & 15), 4-7 June (RJ). **MC**: 284, HennepinL (ads & yg), 29 July (DS); 172, Chau, 9 July (RBj, SBj); 100+ (many juvs), Quincy, 30 July (AD); 65 (incl. yg), Campbell Pond (Jackson Co), 29 June (DE fide SB); 63, L Lola (Bond Co), 7 July (DK); 40, UMRNWR, 7 July (DE fide SB); 40, CarlL, 25 July (DK); 37, Silver Creek (St. Clair Co), 25 June (DK); 19, LCal (Powderhorn Marsh), 30 July (CaM).

Gadwall
Breeding: HennepinL (female w/ brood of 8), 29 July (DS). **NBSO**: RedwingSl (female), 26 June (SB); LCal (1-6 ads), through 7 July (max. of 6 on 11 & 13 June) (WM); Chau (2), 11 June (RBj, SBj); Swanwick (Perry Co) (male), 1 July (DK).



American Black Duck, Gillson Park, Cook County. 27 June 2004. Photo by Eric Walters.

American Black Duck
NBSO: Gillson Pk, Cook Co, 27 June (EW)

Mallard
Breeding: BurnidgeFP (brood), 27 June (UG); Chi (Grant Park) (broods of 3 & 2), 10 June & 6 July, resp. (DS); LCal (brood of 14), 8 June (SB) and (brood of 5), 9 July (DS); Matteson (Cook Co) (3 broods), 8 June (SB); Palos (McGinnis Slough) (broods of 5 & 4), 21 June (DS); Lockport Prairie (Will Co) (brood of 5), 25 July (DS); GreeneValFP (3 broods, 10, 7 & 4), 25 July (DS); (HennepinL (broods of 6 & 10), 2 July and (7 & 10), 15 & 29 July, resp. (DS); Arcola Marsh (Douglas Co) (brood of 9), 31 May (RJ); Tuscola (Douglas Co) (4 broods), 14 July (SB); CarlL (2 broods), 1 June and (nest), 12 June (DK). **MC**: 270, Chau, 23 July (RBj, SBj); 40, CarlL, 18 & 25 July (DK).

Blue-winged Teal
Breeding: HennepinL (brood of 10), 15 July (DS); Chau (11 female w/ 9 yg), 2 Aug. (RJ). **MC**: 26, Quincy, 26 July (AD); 23, HennepinL, 2 July (DS); 14, Chau, 3 June (RBj, SBj). **NBSO**: Broberg Marsh (Lake Co) (2 pr), June (MW fide SB);Motorola Marsh (Lake Co) (pr), June (MW fide SB); Rollins Savanna (Lake Co) (6 pr), June (MW fide SB); RedwingSl (3), 26 June (SB); Tinley Creek (FP (Cook Co) (female), 8 June (SB); PrattsWW (3), 13 June – 24 July (UG); GreeneValFP (pr), 25 July (UG); SongBird (male), 24 June (AA); RLCA (Big L) (female plumage), 31 July (TM); Fishhook (female plumage), 21 July (TM); CarlL, 1 June (DK); Vandalia Bottoms (Fayette Co), 26 June (DK, TM).

Northern Shoveler
Breeding: PrRidge (female 1/ 3 downy yg), 9 June (RJ). **NBSO**: LCal (female), 7 June (WM); HennepinL (2 males), 3 June – 2 July (DS); Chau (2), 18 June (RBj, SBj).

Northern Pintail
NBSO: HennepinL (male), 3 June (DS).

Green-winged Teal
NBSO: LCal (golf course) (pr), 26 June, but (only the male), 6-11 June (WM).

Canvasback
NBSO: Palos (Saganashkee Slough), June-July (fide EW).

Redhead
Breeding: HennepinL (female w/ brood of 4), 15 July (DS).

Lesser Scaup
NBSO: HennepinL (male), 3 June (DS); Chau (4), 11 June (RBj, SBj); HL, 6-25 June (FH).

Bufflehead
NBSO: HL, 1-8 June (FH).

Hooded Merganser
Breeding: GardenPrSl (broods of 4 &7), 26 June (DS, EW); Stickney Run (McHenry Co) (one brood), June (MW fide SB);Motorola Marsh (Lake Co) (one brood), June (MW fide SB); MidewinPr (brood of 7), 4 July (DS); Middle Fork FP (Champaign Co) (yg), 27 June (EC); Chau (3 broods), June-July (RBj, SBj); *Jersey* (brood of 9), 14 May (UG); Arcola (yg), 22 June (EC); CONWR (6 yg), 22 Apr. (SB); Grassy Slough (Johnson Co) (3 yg), 23 Apr. (SB); CCNWR (female on territory), 7 May (SB). **MC**: 6, CarlL (*Fayette*), 19 June (DK, TM); 5, Jamestown_, 2 June (DK). **Others**: McHenryDam (4), 3 July (DW); Des Plaines (Cook Co), 22 June (AA); Chi (Douglas Park) (2), 11 July (AA); Palos (Sansone Slough) (female), 17 June (SB); PrattsWW (pr + female), 13 June, and (3 males + female), 4 July (UG); Palos (McGinnis Slough) (male), 1 Aug. (UG); GLPSP, 17 July (EW); s.e.*Vermilion*, 12 June (EW); Arcola Marsh (Douglas Co) (female),

As a printing aid, the following abbreviations have been used throughout this report:

ad(s) = adults
subad(s) = subadult(s)
imm = immature
juv = juvenile(s)
yg = young
pr(s) = pairs
* = documented record
** = specimen record
ph = photo(s)
est = estimate(d)
max = maximum number or count
m.ob. = many observers

resp = respectively
BBS = Breeding Bird Survey (Route)
CA = Conservation Area
Co(s) = County(ies)
FP = Forest Preserve
FWA = Fish & Wildlife Area
L = Lake
NA = Natural Area
NBSO = Non-Breeding Summer Occurrence
NC = Nature Center
NP = Nature Preserve

NWR = National Wildlife Refuge
R = River
SF = State Forest
SNA = State Natural Area
SP = State Park
Twp = Township
WMA = Wildlife Management Area
Wds = Woods

MC = Maximum Count(s)
LD = Latest Departure(s)
EA = Early Arrival(s)

AllertonPk = Allerton Park (Piatt Co)
Alorton = Alorton (St. Clair Co)
Arcola = Arcola Marsh (Douglas Co)
ArgonneNL = Argonne Natl. Laboratory (Du Page Co)
Atkinson_ = Atkinson BBS (Henry Co)
Beaucoup_ = Beaucoup BBS (Washington/Clinton Cos)
BeaverDam_ = Beaverdam L BBS (Pope Co)
Belknap_ = Belknap BBS (Johnson Co)
BurnidgeFP = Burnidge FP (Kane Co)
BurntPrairie_ = Burnt Prairie BBS (White Co)
BusseWoods = Busse Woods FP (Cook Co)
CampPoint_ = Camp Point BBS (Adams Co)
C'dale = Carbondale (Jackson Co)
CarlL = Carlyle Lake (Clinton Co)
CBG = Chicago Botanic Garden (Cook Co)
CCNWR = Cypress Creek NWR (Johnson, Pulaski, Union Cos)
Chau = Lake Chautauqua NWR (Mason Co)
Chi = Chicago—excl. JP & LCal (Cook Co)
ChinBluffs = Chinquapin Bluffs NP (Woodford Co)
Columbia_ = Columbia BBS (Monroe/St. Clair Cos)
COLSP = Chain-O-Lakes State Park (Lake Co)
CONWR = Crab Orchard NWR (Williamson Co)
Des Plaines = Des Plaines (Cook Co)
ESTL = E. St. Louis (St Clair Co)
Fairbury_ = Fairbury BBS (Livingston/Ford Cos)
Fermi = Fermilab (Du Page Co)
Fishhook = Fishhook WMA (Moultrie Co)
FGP = Forest Glen Preserve (Vermilion Co)
FoxRidge = Fox Ridge SP (Coles Co)
GardenPrSl = Garden Prairie Slough (Boone Co)
GLNTC = Great Lakes Naval Training Center (Lake Co)
GLPSP = Goose Lake Prairie SP (Grundy Co)
GRCA = Green River CA (Lee Co)
GreeneValFP = Greene Valley FP (Du Page Co)
HennepinL = Hennepin-Hopper Lake Restoration Area (Putnam Co)
HerrickL = Herrick L FP (Du Page Co)
HL = Horseshoe Lake (Madison Co)
HoffmanEst = Hoffman Estates (Cook Co)
IBSP = Illinois Beach SP (Lake Co)
Jamestown_ = Jamestown BBS (Clinton/Madison Cos)
KCP = Kennekuk Cove County Park (Vermilion Co)
Kell_ = Kell BBS (Marion Co)
KiddL = Kidd L Marsh (Monroe Co)
LCal = Lake Calumet (Cook Co)
L Summerset_ = Lake Summerset BBS (Stephenson Co)
Lost Mound = Lost Mound N.W.R. (Jo Daviess Co)
LowdMil = Lowden-Miller SF (Ogle Co)
LRen = Lake Renwick (Will Co)
LShel = Lake Shelbyville (Moultrie/Shelby Cos)
Mackinaw = Mackinaw S FWA (Tazewell Co)
Martinsville_ = Martinsville BBS (Clark/Crawford Cos)
MArb = Morton Arboretum (Du Page Co)
McHenryDam = McHenry Dam (McHenry Co)
MermetL = Mermet Lake CA (Massac Co)
MF&WA = Middle Fork FWA (Vermilion Co)
MidewinPr = Midewin Nat'l Tallgrass Prairie (Will Co)
Milford_ = Milford BBS (Iroquois/Vermilion Co)
Miller-And = Miller-Anderson Woods NP (Bureau Co)
MissPalis = Mississippi Palisades SP (Carroll Co)
MoraineHills = Moraine Hills SP (McHenry Co)
NachusaGr = Nachusa Grasslands (Lee Co)
NelsonL = Nelson Lake Marsh (Kane Co)
Oconee = Oconee (Shelby Co)
Palatine = Palatine (Cook Co)
Palos = Palos area (s.w. Cook Co)
Perdueville = Perdueville Pheasant Habitat Area (Ford Co)
PereMar = Pere Marquette SP (Jersey Co)
PineHills = Pine Hills/LaRue Ecological Area (Union Co)
PlumCreek = Plum Creek FP (s.e. Cook Co)
Pomona = Pomona (Jackson Co)
Pontiac_ = Pontiac BBS (Livingston Co)
PrattsWW = Pratts Wayne Wds (Du Page Co)
PrRidge = Prairie Ridge SNA (Jasper or Marion Co)
Pulaski_ = Pulaski BBS (Pulaski/Alexander Cos)
Quincy = Quincy (Adams Co)
RedwingSl = Redwing Slough NA (Lake Co)
RendL = Rend L (Jefferson Co)
RLCA = Rice Lake CA (Fulton Co)
RockCut = Rock Cut SP (Winnebago Co)
Rockford = Rockford (Winnebago Co)
Royalton_ = Royalton BBS (Franklin/Perry/Jackson Cos)
St. Morgan_ = St. Morgan BBS (Madison Co)
SandPrNA = Sand Prairie State Natural Area (Mason Co)
SangL = Sangchris L SP (Sangamon Co)
Sauget = Sauget Marsh (St. Clair County)
Schaumburg = Schaumburg (Cook Co)
Sefton = Sefton (Fayette Co)
Sheffield_ = Sheffield BBS (Bureau Co)
SongBird = Song Bird Slough (Du Page Co)
Spfld = Springfield (Sangamon Co)
Stillwell_ = Stillwell BBS (Hancock Co)
TrailofT = Trail of Tears SF (Union Co)
UCCA = Union Co CA (Union Co)
UMRNWR = Upper Mississippi River NWR (Carroll Co)
Venedy = near Venedy (Washington Co)
WaterfallGlen = Waterfall Glen FP (Du Page Co)
Wauk = Waukegan (Lake Co)
Waynesville_ = Waynesville BBS (McLean Co)
Woodstock = Woodstock (McHenry Co)

A number in parentheses ( ) indicates the number of birds observed at a particular location or on a particular date. No number signifies single birds. Place names given in italic type are counties. The sequence of records within species accounts, except for maximum counts, begins in northwest Illinois (Jo Daviess, Carroll and Whiteside counties), proceed to the east, then continue back and forth across the state in a systematic pattern with the southernmost records at the end.

2 June (DE fide SB); Vandalia Bottoms (Fayette Co), 19 June (DK, TM ; Silver Creek (St. Clair Co) (3), 25 June (DK); McClure (Alexander Co) (3), 5 June (DK, TM).

Common Merganser

NBSO: Channahon (Will Co) (male), 3 June (DS); Rawson L (Bureau Co) (male), 15 June and (pr), 2 July (DS).

Red-breasted Merganser

NBSO: HennepinL (female), 10 July (EW).

Ruddy Duck

Breeding: Palos (McGinnis Slough) (brood), June-July (WS); HennepinL (6 broods, 3-5/brood), mid June to late July (DS); Decatur (dredge ponds) (2 broods of 3), 20 Aug. (TM); HL (Eagle Park) (broods of 6 & 5), 25 July (FH) and (4 males, 2 females & 11 yg), 1 Aug. (KM). **MC**: 102 (ads & yg), HennepinL, 15 June (DS). **Others**: UMRNWR (5), 7 July (DE fide SB); Woodstock (Tony's Pond) (3 pr), June/July (MW fide SB); Amboy (Lee Co) (pr), 10 July (EW); Almond Marsh (Lake Co) (pr), June (MW fide SB) and (male), 2 July (EW); Paul Douglas FP (2 pr), June (MW fide SB);Ruddy Marsh (Lake Co) (pr), June (MW fide SB); Deer L FP (Lake Co), 31 May (EW); Schaumburg (pr), 12 June (AA); Chi (Humbolddt Park) (pr), 10 July (AA); Tri-County Park (DuPage Co) (6—4 males), 26 June (EW); Chau (9), 9 July (RBj, SBj); *Champaign*, 9 July (EC); HL (male), 22 June (DE fide SB).

Ring-necked Pheasant

Breeding: KCP (2 yg), 12 June (EW). **MC**: 36 (males), Perdueville, 29 June (SB); 33 (males), Martinsville_, 6 June (SB); 22 (males), Site M (Cass Co), 23-29 June (RJ); 18, GRCA, 11 June (DE fide SB); 16 (males), Milford), 13 June (SB); 13, Fairbury_, 24 June (VK); 5, Atkinson_, 19 June (DS); 5, Pontiac_, 25 June (VK). **Others**: BurnidgeFP (4), 22 June (AA); Palatine (2), 9 July (AA); Tinley Park (Cook Co) (2), 16 June (AA); Matteson (Cook Co) (4 males), 15 June (SB); SongBird (3), 24 June (AA).

Greater Prairie-Chicken

Breeding: PrRidge (Jasper Co) (5 hens w/ broods), 13-15 June (JW); PrRidge (Marion Co) (1 hen w/ brood), 23 June (SS fide JW).

Wild Turkey

Breeding: *Bureau* (2 broods, 7 & 3), 2 July (DS); Kickapoo SP (Vermilion Co) (3 yg), 12 June (EW); *Schuyler* (2 female & 1 yg), 7 July (LHo); Perry (Pike Co) (brood of 6), 10 July (BR fide SB); ESTL (2 yg), 3 July (EW); Oakwood Bottoms (Jackson Co) (4 yg), 4 July (EW); MermetL (2 ad & 5 yg), 27 June (KM et al.). **MC**: 22 ESTL, 20 June (DK); 14, *Johnson*, 17 July (DK); 10, Venedy, 1 July (SB); 9, LostMound, 9 & 12 June (SB); 9, PereMar, 26 June (DE fide SB); 7, FGP, 12 June (EW); 7, PineHills, 30 June (DE fide SB); 6, *Jefferson*, 18 June (KM); 5, *Ogle*, 12 June (DS).

Northern Bobwhite

MC: 154, Kell_, 5 June (SB); 104, PrRidge (Jasper Co), 13-15 June (JW, SS); 76, Martinsville_, 6 June (SB); 33, Columbia_, 18 June (KM); 53, Royalton_, 5 June (RR); 34 (males), Site M (Cass Co), 23 June (RJ); 30, Pyramid SP (Perry Co), 17 June (DE fide SB);); 26 (24 males), MidewinPr, 17-18 June (SB); 25, Atkinson_, 19 June (DS); 25, Stillwell_, 8 June (VK); 21, Belknap_, 5 June (VK); 21, CampPoint_, 7 June (VK); 19, Beaucoup_, 1 June (DK); 19, BurntPrairie_, 2 June (VK); 19, Harrisburg (Saline Co), 16 July (DE fide SB); 17, Jamestown_, 2 June (DK); 16, PrRidge, 5 July (EW); 15, BeaverDam_, 3 June (VK); 14, Lenzburg (St. Clair Co), 25 June (DK); 13, St. Morgan_, 19 June (KM); 12, GRCA, 11 June (DE fide SB); 12, CarlL, 19 June (DK). **Others**: 2 (males), near Erie (Whiteside Co.), 7 July (BR, fide SB);Atkinson (8) (Henry Co.), 14 July (BR, fide SB); LostMound (5 males), 12 June (SB); L Summerset_ (2), 20 June (DW); Rockford (2), 18 July (DW); ChinBluffs (male), 5 July (MF).

Pied-billed Grebe

Breeding: UMRNWR (2 yg), 7 July (DE fide SB); RedwingSl (nest = 3 eggs & 2 new hatchlings), 25 June and (3 ad. 3 yg), 26 June (SB); Almond Marsh (Lake Co) (4 broods, 2-5 yg/brood), 2 July (EW); LCal (3 broods: 4 yg—Deadstick Pond, 5 yg—Eggers Woods, 3 yg—Burnham Prairie), 13 June, 16 June and 3 July, resp. (WM); WaterfallGlen (brood of 6), 12 June (UG); HennepinL (10 nests w/ incubating ads), June-July and (6 broods, 1-4/brood), 2-29 July (DS); Chau (80 incl. 58 juvs), 29 July (RBj, SBj); Decatur (dredge ponds) (several broods), 20 Aug. (TM); HL (Eagle Park) (88 incl. 36 yg), 22 June (DE fide SB); and (70+ incl. yg), 1 Aug. (KM). **MC**: 160, HL, 18 June (FH); 80 (see breeding note); 70+ & 47 (see breeding); 44, HennepinL, 2 July (DS); 5, Hurricane Creek (Williamson Co), 19 June (DK). **Others**: Pecatonica (Winnebago Co) (2 prs), May-June (DW); Broberg Marsh (Lake Co) (3), 22 June (SB); Moraine Hills (Black Tern Marsh) (pr), June (MW fide SB);Woodstock (Tony's Pond) (3 pr), June (MW fide SB); LCal (Egger's Woods) (2 pr), June (MW fide SB); LCal (Hegewisch) (pr), June (MW fide SB); Antioch (Lake Co) (3 pr), June (MW fide SB); Paul Douglas FP (Cook Co) (2 pr), June (MW fide SB); Motorola Marsh (Lake Co) (pr), June (MW fide SB); Matteson (Cook Co) (ad), 15 June (SB); Palos (Sansone Slough) (ad), 17 June (SB); PrattsWW (3), 19 June (UG); GLPSP (2 pr), 13 June (DS) and 5 (ad.), 12 June (DE, fide SB); Middlefork FP (Champaign Co) (3), 23 July (EC); Spunky Bottoms (Brown Co) (2), 8 June (DE fide SB); Arcola (Douglas Co) (3), 2 June (DE fide SB); Tuscola (Douglas Co) (ad), 14 July (SB); *Coles* airport (ad), 4 June (SB); CarlL (*Fayette*) (ad), 23-24 July (DK, KM); MermetL (calling), 5 June (DK, TM).

American White Pelican

MC: 532, Chau, 29 July (RBj, SBj); 300, CarlL, 16 July (DK); 200, KiddL, 4 July (DK); 200, CarlL (*Fayette*), 27 July (DK); 176, HennepinL (some present all summer), 15 June (DS); 102, HL, 15 June (FH); 61 (incl. 15 imm) & 22, Quincy, 29 June & 2 July, resp. (AD); 39, RLCA (Big L), 24 July (EW); 30, Nauvoo (Hancock Co), 18 June (DS); 10, *Madison*, 18 July (KM). **Others**: LostMound (24 fly-overs), 17 July (AA); LCal (golf course) (3), 30 May – 12 June, but (9 in flight), 13 June (the last day any pelicans were observed) (WM, AA et al.). **Note**: The birds at CarlL were limited to only a few through mid-July then suddenly a major influx (DK).

Double-crested Cormorant

MC: 835, Chau, 29 July (RBj, SBj); 800 (including many young juvs from local nesting), CarlL, 3-27 July (DK); 600, LRcn, 15 July (DS); 20, RendL, 29 July (KM). **Others**: LostMound (5), 12 June (SB); UMRNWR (8), 7 July (DE fide SB); Fulton Dam (Whiteside Co) (51), 17 July (AA) et al.); Matteson (Cook Co) (7), 8 & 15 June (SB); 3, Erie (Whiteside Co.), 24 June (BR, fide SB); Atkinson (Henry Co), 14 July (BR fide SB); Canton (Fulton Co) (4), 13 July (DE fide SB); Quincy (3), 29 July (AD); HL (7), 29 July (KM); Jamestown_ (8), 2 June (DK); CONWR (4), 29 July (KM).

American Bittern

GardenPrSl, 19 & 26 June (DW, DS).

Least Bittern

UMRNWR (4), 7 July (DE fide SB); GardenPrSl, 26 June (DS) and 3 July (DW); Ruddy Marsh (Lake Co) (pr), June (MW fide SB); McHenryDam, 3 July (DW); RedwingSl, 15 June (DD) and (ad), 26 June (SB); LCal (Hegewisch Marsh) (ad), 13 June (WM, AA et al.); LCal (Deadstick Pond) (2), 17 July (CT fide WM) and (3), 25 July (BF et al. fide WM); LCal (Powderhorn Marsh), 27 June – 31 July (incl. fledgling, 14 July) (CaM); PrattsWW, 4 June (ES) and (juv), 31 July (EW); Swift Rd Prairie FP (Du Page Co), 8 June (ES); West DuPage Woods (DuPage Co), 7 Aug. (ES); GLPSP, 13 June (DS); Banner Marsh (Fulton Co) (5), 19 June (DE fide SB); HennepinL (6), 3 July (DE fide SB) and (2), 3 June & 15 July (DS), and (juv), 7 Aug. (EW): Chau, 9 July (RBj, SBj); Spunky Bottoms (Brown Co) (3), 8 June (DE fide SB); *Marion*, 7 July (BS); L Lola (Bond Co) (2), 7 July (DK); HL (12), 22 June (DE fide SB); CarlL, 27 July (DK); Hurricane Creek (Williamson Co), 13 July (DK); MermetL (3 & 5), 5 June & 17 July, resp. (DK, TM et al.).

Great Blue Heron

Breeding: RedwingSl (1 nest), 27 May (SB); BusseWoods (89 nests), 5 June (AA); PrattsWW (25+ nests), 13 June (UG); Potomac (Vermilion Co) (85+ nests), 2 Apr. (SB, SD); Brownfield Woods (Champaign Co) (small growing colony), June (EC); AllertonPk (75+ nests), 27 Mar. (SB, m.ob); Rochester (Sangamon Co) (21 nests), 30 Mar. (RJ); Kemp (Douglas Co) (2 nests w/ yg), 29 June (SB). **MC**: 259, Chau, 29 July (RBj, SBj); 150, *Monroe*, 21 July (DK); 150, CarlL, 16 & 19 July (DK).

Great Egret

Breeding: BusseWoods (1 nest); LCal (Indian Ridge Marsh) (est 20 nests), 19 Apr. – 11 July (WM); Alorton (60 nests, 4 yg banded), 18 June (VK et al.). **MC**: 1295 & 1218, Chau, 29 & 23 July, resp. (RBj, SBj); 700 & 500, CarlL, 15 & 19 July, resp. DK); 600, CarlL (*Fayette*), 27 July (DK); 400, *Monroe*, 21 July (DK); 250, KiddL, 4 July (DK); 200, RLCA, 2 Aug. (RJ); 180, LRen, (DS); 85, w. *Alexander*, 29 July (KM); 54, McHenryDam, 3 July (DW); 40, CONWR, 29 July (KM); 37, Ullin (Pulaski Co), 27 May (SB); 36, Quincy, 30 July (AD); 21, Spunky Bottoms (Brown Co), 8 June (DE fide SB). **Others**: GardenPrSl (13), 19 June (DW); w. *Kane* (12), 19 June (DW); Wadsworth wetland (Lake Co) (21), 31 July (DW); n.e. *Macon* (1-3), 10 –21 July (TM); Jamestown_ (7), 2 June (DK).

Snowy Egret

Breeding: Alorton (20 nests, 9 yg banded), 18 June (VK et al.). **MC**: 30, KiddL, 4 July (DK); 30, *Monroe*, 21 July (DK); 8, Chau, 29 July (RBj, SBj). **Others**: LCal (golf course) (ad)—24 June, (Burnham Prairie) (ad)—3 July, (Deadstick Pond)—3-14 July, (Indian Ridge Marsh N)—28 July (WM); n.e. *Macon*, 2 Aug. (TM et al.); Jamestown_, 2 June (DK).

Little Blue Heron

Breeding: LCal (Indian Ridge Marsh N) (3 fledglings from at least one successful nest), 11 July – may have been as many as 10 adults present in LCal area this summer (WM, m.ob.); Alorton (100 nests, 21 yg banded), 18

June (VK et al.). **MC**: 125, KiddL, 4 July (DK); 80, HL, 21 June (FH); 73, Chau, 29 July (RBj, SBj); 53, *Monroe*, 7 July (KM); 9-15, CarlL (*Fayette*), 22-27 July (DK); 14, Columbia_, 18 June (KM). **Others**: Rockford (airport) (imm), 24 July (DW);PrattsWW (ad), 13 June (UG); Decatur (Macon Co) (ad), 8 July (TM); n.e. *Macon* (4 imm.), 2 Aug. (TM); LShel (2 imm), 30 July (TM);

Cattle Egret

Breeding: Alorton (200 nests, 39 yg banded), 18 June (VK et al). **MC**: 210, HL, 25 June (FH); 42, Banner Marsh (Fulton Co), 19 June (DE fide SB); 34, Ullin (Pulaski Co), 27 May (SB); 19, Columbia_, 18 June (KM); 12, Chau, 25 June (RBj, SBj); 11, Sauget, 22 June (KM); 8, Jamestown_, 2 June (DK); 6 CarlL, 12 June (DK). **Others**: Chi (Grant Park), 9 June (DS); LCal (Deadstick Pond), 3 July (WM); Big Muddy River at Rt. 3 (*Jackson*), 9 June (DK).

Green Heron

Breeding: Highland Park (Lake Co) (ad & yg), 15 July (DD); Chi (Douglas Park) (5 ad & 1 fledgling), 11 July (AA); Long L (Schuyler Co) (2 ad & 2 yg), 7 Aug. (EW). **MC**: 19 (ad), RedwingSl, 26 June (SB); 12, Sny(i)der L (*Jackson*), 2 July (DK); 8, Chau, 25 June (RBj, SBj); 8, CarlL (*Fayette*), 22 July (DK); 7, Matteson (Cook Co), 15 June (SB); 6, CarlL, 27 July (DK); 5, LShel, 30 July (TM).

Black-crowned Night-Heron

Breeding: LCal (Indian Ridge Marsh N – est 200 nests) and (Heron Pond – est 100 nests), early May through 11 July (WM, JA); Alorton (100 nests, 10 yg banded), 18 June (VK et al.). **MC**: (See breeding records); 22, HL, 22 June (DE, fide SB); 18, LRen, 25 July (DS); 10, ESTL, 9 June (DK). **Others**: UMRNWS (2), 7 July (DE fide SB); Blackcrown Marsh (McHenry Co) (2), June (MW fide SB); Lakewood FP (Lake Co) (2 ad), 19 & 21 June (SB); Paul Douglas FP (Cook Co) (2), June (MW fide SB); Matteson (Cook Co) (6;3 ad., 2 subad., 1 juv.), 15 June (SB); Palos (2 ad), 17 June (SB); Woodridge (DuPage Co) (2), 4 July (UG); Chau (4), 14 July (RBj, SBj); Long L (Schuyler Co) (4), 7 Aug. (EW); HL (4), 29 July (KM); CarlL, 24 June (DK); Pyramid SP (Perry Co) (2), 17 June (SB); Harrisburg (Saline Co) (2), 16 July (DE fide SB).

Yellow-crowned Night-Heron

Breeding: Granite City (Madison Co) (3 nests fledging 3-4 yg each), June/July (FH). **Others**: Chi (Lincoln Park) (juv), 14 July (GW); *Edwards* (2), 20 June (BS); Sauget (3-7), 9 June – 17 July (DK et al.) and (1), 19 July (KM); Oakwood Bottoms (Jackson Co) (6 ad), 27 May (SB) and (3 ad & 1 imm), 27 June (RR).

Black Vulture

Breeding: Mt. Pleasant (Union Co) (nest w/ 2 eggs in hayloft of barn), 27 May (SB). **M.C.**: 3, *Johnson*, 27 June (KM et al.) and 17 July (DK, TM). **Others**: **South Elgin (Kane Co), 8 June (*RH); KiddL (2), 4-5 July (DK, TM).**

Turkey Vulture

Breeding: Camp Sagawu (s.w. Cook Co) (2 yg fledged), July (WS); Newton (Jasper Co) (pr w/ nest in barn), 21 June (RJ). **MC**: 152 (morning roost), Hamburg (Bond Co), 8 Aug. (EW); 37, LostMound, 17 July (AA); 27, Kaskaskia R (St. Clair), 13 July (TomM); 25, *Monroe*, 21 July (DK); 23, Palos, 21 June (DS); 18, *Monroe*, 7 July (KM); 16, *Union*, 26 June (KM); 16, *Jersey*, 18 July (KM); 14, KiddL, 4 July (DK); 14, n.e. *Clay*, 5 July (EW); 12, Quincy, 21 June (AD); 12, CarlL (*Fayette*), 25 July (DK); 10, Clear L (Mason Co), 2 July (RBj, SBj); 8, LostMound, 9 June (SB); 8, Seville (Fulton Co), 25 July (LHo). **Others**: Amboy (Lee Co) (6), 14 July (SB); Burnidge FP (Kane Co) (7), 22 June (AA et al.); WaterfallGlen (4), 12 June (UG).

Osprey

Breeding: LCal (Powdernhorn Marsh) (pr w/ 1 yg), finally fledged, 15 Aug. (CaM, WM); CarlL (nest, on artificial structure, 2 yg, but 1 fledgling), 17 Apr. – 1 Aug. (DK, KM et al); MermetL (nest), May & June (but failed after storm; one of the adults was trailing a long strand of fishing line from its foot/leg!) (KM,SB, m.ob.). **Others**: Fulton Dam (Whiteside Co) (fly-over), 17 July (AA); Burnham (Cook Co), 3rd ad flew into area of nest, 18 July (WM); ChinBluffs, 6 July (MF); Riverbend FP (Champaign Co), 10 July (EC); Ohio R (Pope Co) (2), 3 June (VK).

Juvenile Bald Eagle, Monroe County. 3 July 2004. Photo by Eric Walters.

Yellow-crowned Night-Heron at Sauget Marsh, St. Clair County. 17 July 2004. Photo by Travis A. Mahan.

SWALLOW-TAILED KITE

Lenzburg, 12 June (TomM); Versailles Twp (Brown Co), 6 June (*TH).

Mississippi Kite

MC: 45, Thebes (Alexander Co), 5 June (DK, TM). **Others**: TrailofT (2), June – July (SB, m.ob).

Bald Eagle

Breeding: Durand (Winnebago Co) (2 fledglings), April-July (DW); LostMound (ad), 9 June (SB); Chi (Little Calumet R) (nest constructed but probably not used this year – possibly the first nest for the Chicago area in a hundred years,), 26-27 Mar. (WM—newspaper photos); s. *Marshall* (nest), 15 May (EW); Chau & Clear L area (3 nests, but only one successful), April – July (RBj, SBj); Newell Rd (Vermilion Co) (nest – abandoned), April-May (EC); UCCA (nest), April – June (VK, m.ob.); Cypress Creek NWR (nest), April – June (KM); CarlL (*Fayette*) (nest), April – June (KM). **Others**: Ridgetop NP (Woodford Co) (subad), 8 July (MF); Fishhook (ad), 30 July (TM); *Wayne* (ad), 16 June (BS); CarlL (subad), 1 June (DK); RendL (ad), 26 June (DK, TM); *Randolph* (ad), 5 June (TomM) and 31 July (KM, DK, TM); *Jackson*, 20 July (KM), DK); *Pulaski*, 31 July (KM, DK). May now be close to 100 nests in Illinois.

Northern Harrier

GardenPrSl (female), 19 June (DW); Female, LostMound, 12 June (SB); Prairie City (McDonough Co) (brown bird), 13 July (LHo); Chau (juv), 31 July (TM); Site M (Cass Co) (female), 29 June (RJ); Jewett (Cumberland Co) (female), 4 June (SB); PrRidge (3 females), 15 June (JW); *Jasper*, 1 June & 15 July (BS); *Bond* (male), 25 July (DK); Jamestown_, 2 June (DK); CarlL (*Bond*) (juv), 1 Aug. (KM); Pyramid SP (Perry Co) (male), 17 June (DE fide SB); Harrisburg (Saline Co), 16 July (DE fide SB).

Cooper's Hawk

Breeding: Evanston (Cook Co) (2 yg fledged), by 30 July (EW); Salt Creek (Cook Co) (nesting), 16 Apr. (DS); *Champaign* (3 nests, 6 yg), April – June (EC). **Others**: LostMound (ad), 12 June (SB) and (2), 17 July (AA, m.ob); Woodstock (ad), 24 June (SB); RedwingSl (ad), 25 June (SB, SD); Lakewood FP (Lake Co) (2 ad), 21 June (SB); Barrington (Cook Co), 10 Aug. (AA et al.); Tinley Creek FP (Cook Co) (ad), 15 June (SB); Palos (ad – dead), 15 June (SB) and Palos (Cap Sauers Woods) (3 ads), 25 June (DS); Marseilles (LaSalle Co), 16 July (SB); Miller-And, 14 July (DE fide SB); Banner Marsh (Fulton Co), 19 June (DE fide SB); AllertonPk (ad), 6 June (DE fide SB); Camp Point (Adams Co), 7 June (VK); Oconee, 9 July (DK); Martinsville_ (ad), 6 June (SB); Vandalia (Fayette Co), 19 June (DK); Bluff City (Fayette Co), 7 July (DK); CarlL (*Fayette*), 22-25 July (DK); Venedy (ad), 1 July (SB); *Edwards* (2), 14 June (BS); O'Fallon (St. Clair Co), 1 July (KM); CarlL (2), 24 July (KM); Jamestown_ (2), 2 June (DK); Milldstadt, 7 July (DK); CarlL, 5 June (DK); KiddL, 5 July (DK); *Perry* (ad), 3 June (SB); Pomona, 21 June (RR).

Red-shouldered Hawk

Breeding: Newton (Jasper Co) (3 fledglings), 15 July (RJ); Rinard (Wayne Co) (pr w/ 2 nestlings), 18 June (RJ). **MC**: 8 (4 pr), Venedy, 2 July (SB); 6, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 4, MermetL, 27 June (KM et al.). **Others**: Des Plaines (Cook Co) (heard), 6 June (AA); SongBird, 24 June (AA et al.); CarlL, 15 July (DK); Santa Fe Bottoms (Clinton Co) (2), 26 June (DK); Pomona (2), 26 June (KM et al.); PineHills, 30 June (DE fide SB); Ullin (Pulaski Co), 27 May (SB); One, near Mill Creek (Union Co.), 27 May (SB).

Broad-winged Hawk

Breeding: Snyder L (Jackson Co) (nest), 30 June – 2 July (DK). **Others**: MissPalis (2 ad), 8 July (DE fide SB) and (ad) 11 July EW); LowdMil, 5

July (DS); Palos (McClaughry Springs), 27 June (DS); WaterfallGlen (ad), 29 July (UG); PereMar (2), 26 June (DE fide SB); Hurricane Creek (Williamson Co), 13 July (DK); Pomona (2), 28 June (RR); Pine Hills (3 calling ads), 30 June (DE fide SB); TrailofT (pr), May – July (SB).

Swainson's Hawk

Breeding: n.w. *Kane* (2 territories) and s.w. *McHenry* (2 territories), May-July — but no fledglings reported (JB fide RM). The birds were difficult to locate this year; reports were: Huntley (Kane Co), 27 June & 10 July (UG) and 17 July (DD).

Red-tailed Hawk

Breeding: Chestnut Mountain (Jo Daviess Co) (2 nests), 15 Apr. (RJ); LCal (3 active nests), 20 Mar. – 13 Apr. (WM); Palos (Cap Sauer Woods) (nest), 24 Mar. (SB); MidewinPr (4 nests), 23 Mar. (SB); Perdueville (nest w/ 2 yg), 13 June (SB); Rantoul (Champaign Co) (nest), 27 Mar. (SB); Potomac (Vermilion Co) (nest), 2 Apr. (SB); SangL (nest), 28 Mar. (RJ); Litchfield (Montgomery Co) (2 nestlings), 5 June (RJ); Kemp (Douglas Co) (2 fledglings), 29 June & 7 July (SB); Newton (Jasper Co) (nest), 21 Apr. (RJ); Ad. w/fledgling), near Marseilles (LaSalle Co.), 15 & 16 July (SB). **MC**: 13, *Bureau*, 2 July (DS); 11, Atkinson_, 9 June (DS); 5, *Monroe*, 22 June (KM). **Others**: *Monroe* (3), 21 July (DK). **Others**: 1-2 at several locations in the ESTL to CarlL area, 1 June – 25 July (DK).

American Kestrel

Breeding: LostMound (22 yg in family groups), 17 July (AA, m.ob); *Champaign* (pr w/ 4 fledglings), 16 Aug. (RJ); Kemp (Douglas Co) (family group of 6), 29 June (SB); *Coles* airport (2 fledglings), 30 June (SB). **MC**: 16, *Sangamon*, 24 July (DS); 14, *St. Clair*, 6 June (TomM); 14 (4 family groups), Cisco (Macon/Piatt Co), 7 July (SB); 9, Quincy, 2 July (AD); 7, MidewinPr, 4 July (DS); 6, Jamestown_, 2 June (DK); 5, St. Morgan_, 19 June (KM). **Others**: 1-4 birds at several locations in the ESTL to CarlL area, 1 June – 25 July (DK).

Merlin

NBSO: Chau, 11 June (RBj, SBj).

Peregrine Falcon

Breeding: Successful nests as reported by MH: 1) Chicago (S. Wacker) (4 yg banded, failed to complete first flights, taken to rehab center, then released at Lockport on 5 Aug.); 2) Chicago (N. Broadway) (2 yg banded and fledged); 3) Chicago (Prison) (2 yg fledged, only one was banded); 4) Chicago (Univ. of Chicago) (3 yg banded and fledged); 5) Chicago (Uptown Theater) (4 yg banded and 3 successfully fledged); 6) Waukegan (4 yg banded and fledged); 7) Pilson Park (Throop St) (3 yg banded, 2 successfully fledged, the third was in rehab to be released later); 8) Skyway (3 yg fledged—not banded); 9) Evanston Library (of four eggs laid, only one successful fledgling—banded); 10) River Birds (W. Wacker) (one unbanded fledgling). Unsuccessful nests were attempted at: Hyde Park and Lakeview and a pair of non-breeding birds was noted at Lawndale. In addition, 3 unbanded yg fledged from a power plant site in *Madison* (fide MH). **Others**: Rollins Savanna (Lake Co), 2 July (DD); LCal (ad), 7 July (WM); ESTL, 17 July (DK, TM et al.); Riverbend FP (Champaign Co), 17 June (fide EC); CarlL (*Fayette*), 26 July (DK).

Peregrine Falcon and chicks. 19 May 2004. Evanston, Cook County. Photo by Eric Walters.

Black-necked Stilt at rice fields at East Cape Girardeau, Alexander County. 17 July 2004. Photo by Travis A. Mahan.

King Rail

Breeding: Redwing Sl ("likely nesting"), June (BS fide SB); PrRidge (2 ad., 4 yg), 8 July (BS). **Others**: Almond Marsh (Lake Co) (pr), 31 May – 2 July (EW); Lockport Prairie (Will Co) (calling), 25 July (DS); Tri-County SP (DuPage Co), 21 June (ES).

Virginia Rail

Breeding: RedwingSl (3 prs, all ealling), 26 June (SB); Broberg Marsh (Lake Co) (4, three territories), 22 June (SB); LCal (Heron Pond and Powderhorn Marsh – agitated prs), 5 & 12 June, resp. (WM) and (1), 22 & 27 June (CaM). **Others**: NelsonL, 12 June (ES); Matteson (Cook Co) (ad), 15 June (SB).

Sora

Breeding: RedwingSl (calling), 26 June (SB); Broberg Marsh (Lake Co) (calling), 22 June (SB); Palos (Buttonbush Slough) (2 territories), 17 June (SB). **Others**: Motorola Marsh (Lake Co) (pr), June (MW fide SB); Almond Marsh (Lake Co) (ad), 31 May (EW); Palatine (heard), 9 July (AA); MArb, 9 June (ES); Hidden L FP (DuPage Co), 31 July (G); Chau, 14 July (RBj, SBj).

Common Moorhen

Breeding: UMRNWR (37; 2 broods = 3 yg each), 7 July (DE fide SB); RedwingSl (nest w/ 11 eggs), 26 June (SB); Broberg Marsh (Lake Co) (2 territories incl. 6 yg), 22 June (SB); LCal (brood of 8 at Deadstick Pond), 3 July (WM); LCal (Burnham Prairie) (juv), 17 July (DS); LCal (Eggers Woods) (pr), June (MW fide SB) and (juv), 27 June (CaM); Palos (McGinnis Slough) (brood of 6), 8 June (WS) and (brood of 3), 1 Aug. (UG); Tri-County SP (DuPage Co) (brood of 4), 7 Aug. (ES); HennepinL (33 incl 2 yg.), 3 July (DE fide SB). **MC**: 33 (see breeding notes); 27, HL, 22 June (DE fide SB); 13 (ad), RedwingSl, 26 June (SB). **Others**: Fulton Dam (Whiteside Co) (2), 17 July (AA et al.); Erie (Whiteside Co) (2), 24 June (BR fide SB); Moraine Hills (Black Tern Marsh) (pr), June (MW fide SB);Rollins Savanna (Lake Co) (pr), June (MW fide SB); LCal (Indian Ridge Marsh N) (2 ads), 11 July (WM); Palos (McGinnis Slough) (3), 1 Aug. (CT); Chau, 11 June – 14 July (RBj, SBj); Spunky Bottoms (Brown Co) (ad), 5 July (*TH); Arcola (Douglas Co) (4), 2 June (DE fide SB); HL, 18-21 June (FH, JZ); MermetL (calling), 5 June (DK, TM) and 27 June (KM et al.).

American Coot

Breeding: UMRNWR (20 incl. 3 yg), 7 July (DE fide SB); LCal (2 broods of 4 & 1), 13 June (WM, AA et al.); HennepinL (26 broods, 1-4/brood), June-July (DS); Chau (60 birds incl. 19 juvs), 8 July (RBj, SBj); Decatur (dredge ponds) (several broods), 20 Aug. (TM); HL (Eagle Park) (brood of 4), 18 June (FH) and (36 birds incl. yg), 1 Aug. (KM). **MC**: 230, HennepinL (ads & yg), 3 June (DS); 22, HL, 22 June (DE fide SB). **Others**: RedwingSl (ad), 26 June (SB); Almond Marsh (Lake Co) (pr), June (MW fide SB);Moraine Hills (Black Tern Marsh) (pr), June (MW fide SB);Broberg Marsh (Lake Co) (2 pr), June (MW fide SB); Woodstock (Tony's Pond) (10 pr), June (MW fide SB);LCal (Egger's Woods) (pr), June (MW fide SB); LCal (Hegewisch) (3 pr), June (MW fide SB); Antioch (3 pr), June (MW fide SB); Paul Douglas FP (Cook Co) (8 pr), June (MW fide SB); Rollins Savanna (Lake Co) (3 pr), June (MW fide SB); Arcola Marsh (Douglas Co) (3), 2 June (DE fide SB); Spunky Bottoms (Brown Co) (ad), 8 June (DE fide SB); Spfld, 24 July (KM); CarlL, 27 July (DK).

Sandhill Crane

Breeding: Lock & Dam 13 (Whiteside Co) (pr w/ fledgling), 10 July (EW); GardenPrSl (nested), 15 July (DW); RedwingSl (Pr. w/downy yg), 3 May & 2 ad., 26 June (SB); GLPSP (pr w/ yg), 12 June (DE fide SB); NelsonL (pr w/ 2 fledglings), 10 Aug. (AA et al.). **Others**: LostMound (pr), 12 June (SB); McHenryDam (2), 3 July (DW); LCal (3 fly-overs), 5 June (WM); GLPSP (pr), 17 July (EW).

Killdeer

Breeding: *Ogle* (2 yg), 15 July (DS); GardenPrSl (3 yg), 10 June (DS); Chi (Meigs Field) (2 yg), 2 June (DS); SongBird (2 broods = 4 yg), 24 June (AA et al.); Ridgway (Gallatin Co) (pr w/ 3 chicks), 4 May (RJ). **MC**: 800, CarlL, 15-24 July (but 1500), 16 July (DK); 700, CarlL (*Fayette*), 22 July (DK); 125, *Boone*, 11 July (DS); 122, n.w. *Will*, 25 July (DS); 100, Chau, 23 July (RBj, SBj); 100, RendL, 29 July (KM); 63, PrRidge (Jasper Co), 13-15 June (JW, SS); 50, LCal (golf course), 24 June (WM); 50, KiddL, 4 July (DK); 48, Columbia), 18 June (KM); 44, Milford_, 13 June (SB); 41, Jamestown_, 2 June (DK); 34, St. Morgan_, 19 June (KM); 28 (in a flock), Vermont (Fulton Co), 11 July LHo); 25, Martinsville_, 6 June (SB); 24, MidewinPr, 4 July (DS); 23, Atkinson_, 19 June (DS); 23, Beaucoup_, 1 June (DK).

Black-necked Stilt

MC: 11, w. *Alexander*, 18 June (KM) and smaller numbers through 17 July (DK, m.ob.); 6, Chau (attempted nesting but destroyed by high water), 3 June (RBj, SBj). **Others**: GardenPrSl (pr), 19-22 June (DW); KiddL (2), 4 July (DK).

Spotted Sandpiper
Breeding: Chi (Rainbow Beach) (3 nests: 4, 4 & 3 eggs), 29 May (DS); LCal (golf course) (brood of 3), 7 July (WM); LCal (Powderhorn Marsh) (3 yg), 15 July (CaM); Calumet Park (Cook Co) (2 pr. w/2 downy yg), 8-9 June (SB); Lawndale (Logan Co) (pr w/ 1 yg), 22 June (RJ). **MC**: 15-20, GreeneValFP, 2 July (UG); 17 & 14, LCal area, 17 July (DS) and 24 June (WM) resp.; 11, Rockford (airport), 24 July (DW); 9, *Ogle*, 5 July (DS). **Others**: GardenPrSl (2), 30 June (DW); McHenryDam, 3 July (DW); Midlothian (Cook Co) (2), 16 June (AA); BurnidgeFP, 16 June (AA); Matteson (Cook Co) (ad), 15 June (SB); Victoria (Knox Co) (3 ads incl. a mated pr), 24 May (PR); Banner Marsh (Fulton Co), 19 June (DE fide SB); Riverbend FP (Champaign Co) (pr), 4 July (EC); Arcola (Douglas Co) (6), 2 June (DE fide SB); *Coles* airport, 30 June (SB).

Upland Sandpiper
Breeding: LostMound, (3; two territories, one protecting nest or yg), 9-12 June (SB); MidewinPr (10; 4 territories, family group of 5, and probable nest), 17-18 June (SB); PrRidge (Jasper Co) (6 territorial males and 2 broods), 13-15 June (JW, SS). **Others**: Victoria (Knox Co) (male), 6 June (PR et al.); Milford_, 13 June (SB); PrRidge (Marion Co) (4—3 territorial males), 23 June (JW, SS).

Wilson's Snipe
Breeding: Moraine Hills (pr. "likely nesting"), June (BS fide SB); Spunky Bottoms (Brown Co), 8 June (DE fide SB).

American Woodcock
Breeding: Quincy (ad & 3 juvs), 28 Apr. (AD). **Others**: Leroy Oaks FP (Kane Co), 19 June (UG); Orland Grasslands (Cook Co), 8 June (WS, GW); Bartel Grasslands (s.e. Cook Co) (6), 29 May (EW); GLPSP (5), 12 June (DE fide SB); Rinard (Wayne Co), 18 June (RJ); Belknap (Johnson Co), 3 June (VK).

Wilson's Phalarope
NBSO: Victoria (Knox Co) (pr), 14 May – 6 June (PR et al.); Pickaway Place (Shelby Co), 31 May (RJ).

Laughing Gull
NBSO: Chi (KFC restaurant) (ad, at this location since 1997), 6 June – 19 July (DS, WM, m.ob.); *Madison* (24), 7 June (FH); CarlL (ad), 10 July (KM).

Franklin's Gull
NBSO: HennepinL (7 – non-breeding plumage), 15 June (DS); Chau (2), 18 June (attempted nesting but destroyed by high water); Spfld (3), 20 June (GW).

Bonaparte's Gull
NBSO: HennepinL (ad—non-breeding plumage), 15 June (DS).

Ring-billed Gull
Breeding: Des Plaines (roof-top nesting) (60 nests, 102 yg banded), 17 June (AA, VK et al.); LCal (5000+ nests), 6-16 June, and (first fledglings), 16 June (WM). **MC**: 1200, s. Chi (lakefront), 4 June (DS); 1163, Chau, 29 July (RBj, SBj). **NBSO**: CarlL, 1 June – 3 July (DK).

Herring Gull
Breeding: LCal (several nests), 13 June (AA, WM). **MC**: 60, Chi (Grant Park), 6 July (DS). **NBSO**: Fermi, 31 July (UG).

Lesser Black-backed Gull
NBSO: Chi (Montrose), 20 July (UG).

Great Black-backed Gull
NBSO: Chi (Rainbow Beach) (1st-year), 6 June (DS, m.ob.); LCal (golf course) (1st-year), 8 May through 13 June (WM, m.ob.); Wauk (1st-year), 10-17 June (EW).

Caspian Tern
NBSO: RedwingSl (ad), 26 June (SB); Wauk (2 ad), 1 July (EW); Midlothian (Cook Co) (ad), 16 June (AA); Chi (Grant Park) (2), 10 June (DS); LCal, summered but no confirmed nesting with max. count of 26 (11 ads & 15 juvs), 23 July (WM); Matteson (Cook Co) (ad), 8 & 15 June (SB); Palos Sansone Sough (2), 17 June (SB) and (1) 2 July (DS); GreeneValFP (2 ad), 22 June (UG); Value City Marsh (DuPage Co), 24 July (ES); HennepinL, 15 June (DS); Riverbend FP (Champaign Co), 4 July (EC); CarlL (1-3) 19-26 June (DK). **MC**: 26 (11 ads & 15 juvs), LCal, 23 July (WM); 12, Chau, 3 & 11 June (RBj, SBj).

Common Tern
Breeding: 66 birds, 26 nesting attempts, 67 eggs laid & 32 yg fledged from the GLNTC colony, June/July (DD fide SB); **NBSO**: Wauk (2 ad.), 1 July (EW).

Forster's Tern
Breeding: COLSP (70+ nests; predated by Great Horned Owl and colony abandoned), May/June (BS,MW fide SB); Elizabeth Lk (6-7 nests; failed due to trampling by Canada Geese), May/June (MW fide SB). **Others**: RedwingSl (8 ad), 26 June (SB); GardenPrSl, 30 June (DW); Wauk, 1 July (EW).

Least Tern
KiddL, 4 July (DK); Gorham Fish Farms (Jackson Co) (3 ad), 11 July (DW) and (1) 13-17 July (DK, m.ob.); McClure (Alexander Co) (3 ad), 5 June (DK, TM); Miller City (Alexander Co) (3), 4 June (VK).

Black Tern
Breeding: Antioch (Lake Co) (20 nests), June (MW,BS fide SB); RedwingSl (5 broods of 1-2 yg/brood), 25-26 June (SB,SD); Broberg Marsh (Lake Co) (5-7 prs defending nesting area), 22 June (SB). **MC**: 60, HennepinL (3 June); 21 (10 prs & subad), Redwing Sl, 26 June (SB).

BLACK SKIMMER
Spfld, 23 July (DB fide DK and TM).

Rock Pigeon
MC: 180, w. *Cook*, 11 July (DS); 50, ESTL, 12 June (DK).

Eurasian Collared-Dove
MC: 14, Granite City (Madison Co), 24 July (FH). **Others**: West Point (Hancock Co) (4), 8 June (VK); Roanoke (Woodford Co), 14 July (MF); Flatville Rd (Champaign Co) (pr), 24 June (EC); Quincy, 26 July (AD); Petersburg (Menard Co), 17 June (JZ); Stonington (Christian Co) (2), 24 June (TM); Palmer (Christian Co) (3), 24 June (TM); Taylorville (Christian Co), 9 July (TM); Raymond (Montgomery Co), 5 July (TM);Morrisonville (Christian Co), 24 July (EW); Decatur (Macon Co), 22 June (TM); Lovington (Moultrie Co), 24 June (TM); Arthur (Douglas Co) (4), 24 June (TM); Louisville (Clay Co), 23 June (BS); Alma (Marian Co) (7), 5 July (EW); Mt. Erie (Wayne Co) (2), 20 June (BS); Keyesport (Bond Co) (2), 8 Aug. (EW); Mt. Vernon (Jefferson Co) (6), 5 July (EW); Waltonville (Jefferson Co) (3), 5 July (EW); Old Ripley (Bond Co), 26 May (ChM); Marissa (St. Clair Co), 25 June (DK); Lenzburg (St. Clair Co) (4), 25 June (DK); Waterloo (Monroe Co) (2), 4 July (DK); CarlL (1-6), 1 June – 25 July (DK); Waterloo (Randolph Co) , 29 July (KM); *Pulaski*, 27 July (KM et al.). **Note**: 75 birds, incl. ECDO, Ringed Turtle-Doves and a mixture of the two, were present at Cicero (Cook Co), 6 July (CT).

Mourning Dove
MC: 2000, Sauget, 17 July (DK); 300+, Quincy, 30 July (AD); 250, *St. Clair*, 9 July (KM); 175, Orland Park (Cook Co), 1 Aug. (CT); 175, MidewinPr, 4 July (DS); 120, Martinsville_, 6 June (SB); 102, *Randolph*, 29 July (KM); 94, *Monroe*, 22 June (KM); 91, C'dale, 21 June (RR); 88, *Sangamon*, 24 July (DS); 84, Fairbury_, 24 June (VK); 80, CarlL, 10 July (DK); 79, Kell_, 5 June (SB); 78, Value City Marsh (DuPage Co), 23 July (ES); 77, *Henderson*, 18 June (DS); 69, Belknap_, 5 June (VK); 63, Sheffield_, 18 June (DS); 60+, PrRidge, 5 July (EW); 60, LostMound, 11-12 June (SB); 60, *Ogle*, 12 June (DS); 59, HennepinL, 2 July (DS); 59, *Mercer*, 18 June (DS); 57, Columbia_, 18 June (KM); 51, Stillwell_, 8 June (VK); 43, St. Morgan_, 19 June (KM); 42, BurntPrairie_, 2 June (VK).

Monk Parakeet
Breeding: *Cook* (36 nests at Burnham and 53 more, especially on cell towers, ranging from 1-8 per site at 20 other sites in south Chi and adjacent suburbs), 12 June – 30 July (WM); CarlL (2-3), 5 June - 10 July (DK). **Others**: Addison (DuPage Co) (5+), 24 July (UG).

Black-billed Cuckoo
Lowd-Mil (2), 5 July (DS); IBSP, 29 July (EW); Palos (Miller Meadow), 15 June (JA); Freeman Kame FP (Kane Co), 27 June (UG); Hampshire Twp (Kane Co), 10 July (UG); BurnidgeFP, 25 June (ES); LCal (Powderhorn Marsh), 19 July (CaM); Plymouth (Hancock Co), 15 July (BR fide SB); New Bedford (Bureau Co), 16 June (BR fide SB); Perdueville, 29 June (SB); Kankakee R SP (Kankakee Co), 1 July (BR fide SB); Beaverville (Iroquois Co), 30 June (BR fide SB); KCP, 12 June (EW); Perkins Rd (Champaign Co) (pr), 24 June (EC); Quincy, 2 July (AD).

Yellow-billed Cuckoo
Breeding: KCP (nest w/ 2 eggs), 12 June (EW); Fayetteville (St. Clair Co) (ad on nest), 20 May (SB); Albers (Clinton Co) (5, one w/ food for yg), 30 June & 1 July (SB). **MC**: 33, Venedy, 1-2 July (SB); 23, Martinsville_, 6 June (SB); 15, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 13, Oconee, 9 July (DK); 13, Royalton_, 5 June (RR); 12, BeaverDam_, 3 June (VK); 11, *Saline*, 16 July (DE fide SB); 10, SandPrNA, 1 July (RJ); 10, Site M (Cass Co), 23 June (RJ); 10, CarlL, 10 July (DK); 9, C'dale, 21 June (RR); 8, Miller-And, 14 July (DE fide SB); 8, Cisco (Piatt Co), 9 July (SB); 8, AllertonPk, 6 June (DE fide SB); 8, Quincy, 30 July (AD); 8, PereMar, 26 June (DE fide SB); 8, Winkle (Perry Co), 30 June (DK); 7, Jamestown_, 2 June (DK); 7, Dongola (Union Co), 27-28 May (SB); 7, Perdueville, 29 June (SB); 6, Beaucoup_, 1 June (DK); 5, GRCA, 11 June (DE fide SB); 5, Marseilles (La Salle Co), 15-16 July (SB); 5, Honey Creek Woods (McDonough Co), 30 June & 7 July (TL); 5, Kell_, 5 June (SB); 5, Columbia_, 18 June (KM); 5, Belknap_, 5 June (VK).

Barn Owl
Breeding: Sesser (Franklin Co) (brood of 7), 17 June (DK) and (2 yg), 26 June (DK, TM). **Others**: Keyesport (Clinton Co) (calling), 5 June (DK).

Eastern Screech-Owl
CarlL (2), 10 July (DK); Ferne Clyffe SP (Johnson Co) (2), 26 June (KM et al.).

Great Horned Owl
Breeding: CBG (ad on nest), 17 Apr. (AA); Palos (Cap Sauer Woods), (fledgling), 15 June (SB); Bushnell (McDonough Co) (yg. just out of nest), 9 June (LHo); Urbana (female on nest), late Jan. (SB); Site M (Cass Co) (ad on nest), 29 Feb. (RJ); *Clinton* (on nest along I-70), 19 Mar. (RJ). **Others**: Beaucoup_, 1 June (DK).

Barred Owl
Breeding: Venedy (7; 2 prs. w/ yg), 1-2 July (SB); Pomona (yg), 4 July (EW). **Others**: Severson Dells FP (Winnebago Co) (pr), June/July (SB); AllertonPk (3), 6 June (DE fide SB); Fisher (Champaign Co) (3—one dead), 12 June (SB); Ashmore (Coles Co) (pr), 2 July (SB); FoxRidge (3), 4 June (DE fide SB); Jamestown_, 2 June (DK); CarlL (2), 10 July (DK); Martinsville_, (2), 6 June (SB); Ferne Clyffe SP (Johnson Co) (2), 26 June (KM); Ulllin (Pulaski Co) (pr), 27 May (SB); MermetL (calling), 5 June (DK).

Short-eared Owl
Breeding: PrRidge (Jasper Co) (2 ads & 3 fledlings), 11 & 15 June (RJ & JW, SS).

Common Nighthawk
Breeding: Two nests (in native sand prairie) 10-11 June (2 yg.) and 11 June (2 yg., but 2 eggs on 2 June), LostMound, (D. Thomas, B. Anderson, SB, photos). **MC**: **50 (24 pr.)**, Lost Mound, 9 June (SB). This is likely the largest number of breeding pairs to nest at a single location, to ever be reported in the state, especially in historic breeding habitat; 6 (3 pr), Breese (Clinton Co), 1 July (SB); 6, *Williamson*, 25 June (KM); 4, Rockford, 15 July (DW). **Others**: Decatur (Macon Co), 22-23 Juine (TM); Sullivan (Moultrie Co) (2), 21 July (TM); Charleston (Coles Co), 28 June (TM); Arthur (Douglas Co) (2), 14 June (TM); Aviston & Carlyle (Clinton Co) (two prs each), 30 June & 1 July (SB); O'Fallon (St. Clair Co) (3), 22 June (KM); CarlL, 5 June – 10 July (DK); Pinckneyville (Perry Co), 17 July (DK). **Note**: very scarce in the LCal area.

Chuck-will's-widow
Ferne Clyffe SP (Johnson Co) (5), 4 July (EW) and (4), 10 July (DW).

Whip-poor-will
Breeding: Lima (Adams Co) (ad & fledgling), 10 July (RJ). **MC**: 6, Ferne Clyffe SP (Johnson Co), 26 June (KM et al.); 4, Sugar River Alder FP (Winnebago Co), June-July (DW); 4, CarlL, 10 July (DK); 4, Pomona, 27 June (RR). **Others**: LMNWR (2), 9 & 12 June (SB); Perry (Pike Co), 10 July (BR fide SB); Martinsville_. (2), 6 June (SB); Kell_, 5 June (SB); Venedy (2), 1 July (SB);

Chimney Swift
MC: 83, Des Plaines (Cook Co), 15 June (AA); 50, s. Chi, 9 July (DS); 50, *St. Clair*, 9 July (KM); 48, Columbia_, 18 June (KM); 37, Sheffield_, 18 June (DS); 35, *Randolph*, 18 June (KM); 30, *Bureau*, 2 July (DS); 30, *Saline*, 5 July (KM); 25+, Taylorville (Christian Co), 9 July (TM); 25, O'Fallon (St. Clair Co), 26 July (KM); 20, ESTL, 12 June (DK); 20, CarlL, 12 June (DK); 9, Beaucoup_, 1 June (DK).

Ruby-throated Hummingbird
Breeding: MArb (female w/ yg), June (ES). **MC**: 500+, Jonesboro (Union Co), June-July (BSt); 94 (banded), Siloam Springs SP (Adams Co), 10-17 July (VK); 82 (banded), Petersburg (Menard Co), 23 June – 1 Aug. (VK); 67 (banded), *St. Clair*, 31 July (VK); 57 (banded), TrailofT, 7-8 Aug. (VK); 53 (banded), w. *Fulton*, 5 Aug. (VK); 17, Pomona, 28 June (RR); 13 (banded), Clinton (De Witt Co), 19 July (VK); 13, Venedy, 1-2 July (SB); 10, *Jersey*, 18 July (KM); 8, Sefton, 8 July (DK); 7, Oconee, 9 July (DK).

Juvenile Barn Owl near Rend Lake. 3 July 2004. Photo by Eric Walters.

Great Horned Owl juvenile, Morton Arboretum. 4 May 2004. Photo by Jerry Kumery.

Belted Kingfisher
MC: 4, Matteson (Cook Co), 15 June (SB); 3, LCal area, 9 July (DS); 3, MermetL, 27 June (KM et al.).

Red-headed Woodpecker
Breeding: Amboy (Lee Co) (pr w/ 3 yg), 14-15 Julyl (SB); BurnidgeFP (pr feeding yg), 22 June (AA); BusseWoods (pr feeding yg), 5 June (AA). **MC**: 9, GRCA, 11 June (DE fide SB); 9, AllertonPk, 6 June (DE fide SB); 8, n.e. *Iroquois*, 5 July (WM, JA); 8, Martinsville_, 6 June (SB); 7, Keithsburg (Mercer Co), 18 June (DS); 7, Quincy, 25 June (AD); 7, Parkersburg (Richland Co), 17 July (RJ); 6, *Ogle*, 12 June (DS); 6, Kemp (Douglas Co), 29 June & 7 July (SB); 5, Port Byron (Rock Island Co), 19 June (BR fide SB); 5, Pulaski_, 4 June (VK); 4, Roby (Christian Co), 14 July (RJ); 4, Burnt Prairie (Wayne Co), 16 July (RJ); 4, Columbia_, 18 June (KM); 3, Miller-And, 14 July (DE fide SB); 3, Honey Creek Woods (McDonough Co), 30 June (TL); 3, Bone Gap (Wabash Co), 18 July (RJ); 3, Kaskaskia R (Randolph Co), 13 July (TomM); 3, Swanwick (Perry Co), 3 June (SB); 3, *Alexander*, 23 June (KM).

Red-bellied Woodpecker
Breeding: Fisher (Champaign Co) (ad & 3 yg), 12 June (SB). **MC**: 27, Palos (Cap Sauer Woods), 15-16 June (SB); 26, Pulaski_, 4 June (VK); 23, Martinsville_, 6 June (SB); 22, Columbia_, 18 June (KM); 19, Palos, 27 June (DS); 19, Oconee, 9 July (DK); 18, Venedy, 1-2 July (SB); 17, Miller-And, 14 July (DE fide SB); 17, Royalton_, 5 June (RR); 16, AllertonPk, 6 June (DE fide SB); 15, Sheffield_, 18 June (DS); 15, PereMar, 26 June (DE fide SB); 13, Kell_, 5 June (SB); 13, BeaverDam_, 3 June (VK); 11, St. Morgan_, 19 June (KM); 11, BurntPrairie_, 2 June (VK); 10, Marseilles (La Salle Co), 16 July (SB); 10, Palmer (Christian Co), 2 June (RJ); 9, Lima (Adams Co), 10 July (RJ); 9, Site M (Cass Co), 23-29 June (RJ); 9, Beaucoup_, 1 June (DK); 9, C'dale, 21 June (RR); 8, Black Partridge Park (Woodford Co), 1 June (TL); 8, Jamestown_, 2 June (DK); 7, ChinBluffs, 6 June (MF); 6, Independence Park (Tazewell Co), 3 June (TL); 6, CampPoint_, 7 June (VK); 6, Sefton, 8 July (DK).

Downy Woodpecker
MC: 30, Venedy, 1-2 July (SB); 25, Palos, 11 June (DS); 21, Marseilles (La Salle Co), 16 July (SB); 18, Miller-And, 14 July (DE fide SB); 14 PereMar, 26 June (DE fide SB); 14, Sefton, 8 July (DK); 13, AllertonPk, 6 June (DE fide SB); 13, PineHills, 30 June (DE fide SB); 12, Lakewood FP (Lake Co), 19-21 June (SB); 12, Palos (Cap Sauers Woods), 15-16 June (SB); 12, Oconee, 9 July (DK); 10, MissPalis, 8 July (DE fide SB).

Hairy Woodpecker
Breeding: River Forest (Cook Co) (pr & juv), 20 June (JA). **MC**: 8, Venedy, 2 July (SB); 7, Palos (Cap Sauers Woods), 15-16 June (SB); 5, LowdMil, 5 July (DS); 5, Palos, 3 July (DS); 4, ChinBluffs, 6 June (MF); 4, PineHills, 30 June (DE fide SB); 3, Sefton, 8 July (DK); 3, CarlL, 10 July (KM); 2, Oconee, 9 July (DK); 2, ESTL, 4 June (KM). **Others**: Tinley Park (Cook Co) (pr feeding yg), 16 June (AA).

Northern Flicker
MC: 15, Palos, 27 June (DS); 14, HennepinL, 2 July (DS); 12, LostMound, 17 July (AA et al.); 11, Palos (Cap Sauers Woods), 15-16 June (SB); 8, Quincy, 30 July (AD); 7, GRCA, 11 June (DE fide SB); 7, Oconee, 9 July (DK); 6, Miller-And, 14 July (DE fide SB).

Pileated Woodpecker
MC: 7, PereMar, 26 June (DE fide SB); 5, AllertonPk, 6 June (DE fide SB); 5, Venedy, 2 July (SB); 5, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 5, PineHills, 30 June (DE fide SB); 4, Miller-And, 14 July (DE fide SB). **Others**: UMRNWR (ad), 17 July (AA et al.); MissPalis, 8 July (DE fide SB); Palos (Swallow Cliff), 21 June (DS); Edwards (Peoria Co) (3), 17 July (BR fide SB); White Heath (2) (Piatt Co.), 8 June (SB); FoxRidge (3), 4 June (DE fide SB); Beaucoup_, 1 June (DK).

Eastern Wood-Pewee
Breeding: UMRNWR (ad w/ 3 yg), 17 July (AA et al.); MArb (ad. w/ fledgling), 25 July (MC). **MC**: 37, Palos, 21 June (DS); 34, Palos (Cap

Sauers Woods), 15-16 June (SB); 26, Venedy, 2 July (SB); 25, AllertonPk, 6 June (DE fide SB); 24, LowdMil, 5 July (DS); 23 (21 males), Lima (Adams Co), 10 July (RJ); 21, Miller-And, 14 July (DE fide SB); 19, Sefton, 8 July (DK); 19, PineHills, 30 June (DE fide SB); 18, MissPalis, 8 July (DE fide SB); 18, PereMar, 26 June (DE fide SB); 17, Lakewood FP (Lake Co), 21 June (SB); 15, Marseilles (La Salle Co), 16 Julyl (SB); 15, FoxRidge, 4 June (DE fide SB); 13, Woodstock (McHenry), 24 June (SB); 12, Palmer (Christian Co), 2 June (RJ); 12 (males), Newton (Jasper Co), 15 July (RJ); 12, Columbia_, 18 June (KM); 10, Black Partridge Park (Woodford Co), 22 June (TL); 10 (9 males), Roby (Christian Co), 14 July (RJ); 10, Oconee, 9 July (DK); 9, Mackinaw, 13 June (MF); 8, Independence Park (Tazewell Co), 3 June (TL); 8, Martinsville_, 6 June (SB); 8, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 7, Argenta (Macon Co), 13 July (SB); 7, CarlL, 10 July (KM); 7, Honey Creek Woods (McDonough Co), 7 July (TL); 6, Fisher (Champaign Co), 14 June (SB); 5, Amboy (Lee Co), 15 July (SB); 5, Big Rock (Kane Co), 15 June (BR fide SB); 5, Snyder L (Jackson Co), 2 July (DK).

Acadian Flycatcher

Breeding: HerrickL (pr w/ 3 yg), June-July (ES). **MC**: 59 (44 males), Venedy, 2 July (SB); 32 (17 males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 26, PineHills, 30 June (DE fide SB); 23, Oconee, 9 July (DK); 22, MissPalis, 8 July (DE fide SB); 15, FoxRidge, 4 June (DE fide SB); 15, PereMar, 26 June (DE fide SB); 13, Miller-And, 14 July (DE fide SB); 12, Sefton, 8 July (DK); 11, AllertonPk, 6 June (DE fide SB); 9 (males), Tower Hill (Shelby Co), 19 July (BR fide SB); 8, Santa Fe Bottoms (Clinton Co), 26 June (DK); 7, Black Partridge Park (Woodford Co), 22 June (TL); 7, Newton (Jasper Co), 15 July (RJ); 6, LowdMil, 5 July (DS); 6, Oskaloosa (Clay Co), 19 July (RJ). **Others**: Morrison (Whiteside Co) (male), 17 June (BR fide SB); Kyte River (Ogle Co), 27 July (DW); RockCut (2), 21 July (DW); IBSP (male), 1 July (EW); Port Byron (Rock Island Co) (4), 19 June (BR fide SB); Honey Creek Woods (McDonough Co) (5), 23 June – 7 July (TL); ChinBluffs, 6 June (MF); Mackinaw, 13 June (MF); Independence Park (Tazewell Co) (5), 3 June (TL); Palmer (Christian Co) (5), 2 June (RJ); Ashmore (Coles Co) (4), 2 & 8 July (SB); Burnt Prairie (Wayne Co) (5 males), 18 June (RJ).

Juvenile Loggerhead Shrike, northwestern Edwards County. 5 July 2004. Photo by Eric Walters.

Willow Flycatcher

MC: 23 (20 males), HerrickL, 5 June (ES); 11 (9 males), Tinley Park (Cook Co), 16 June (AA); 10 (9 males), HoffmanEst, 12 June (AA); 9 (8 males), BurnidgeFP, 22 June (AA); 8 (males), PrRidge (Jasper Co), 13-15 June (JW, SS); 7, PlumCreek, 28 May (AA ete al.); 7 (males), Perdueville, 29 June (SB); 6 (males), IBSP, 1 July (EW); 6 (males), Palos (3 locations), 17 June (SB); 6, GRCA, 11 June (DE fide SB); 5 (males), Calumet Park (Cook Co), 9 June (SB); 5 (males), Matteson (Cook Co), 15 June (SB). **Others**: Machesney Park (Winnebago Co) (2 males), 3 June (BR fide SB); Aurora (Kane Co) (male), 22 June (BR fide SB); St. Charles (Kane Co) (2), 10 Aug. (AA); RedwingSl (3 males), 26 June (SB); BusseWoods (4), 18 June (AA); Barrington Hills (Cook Co) (4 males), 14 June (AA et al.); SongBird (5), 24 June (AA); Fermi (male), 31 July (AA); Plymouth (Hancock Co) (2), 15 July (BR fide SB); MidewinPr (4 males), 17-18 June (SB); Spunky Bottoms (Brown Co) ;(3), 8 June (DE fide SB); Quincy, 16 & 30 July (AD); Beaucoup_, 1 June (DK); Jamestown_, 2 June (DK); Sauget (2), 29 July (KM); Columbia_, 18 June (KM); CarlL (2), 19 & 26 June (DK).

Least Flycatcher

LowdMil (pr), 15 July (DS); RockCut (male), 23 June (DW) and (pr), 26 June (DS); Distillery CA (Boone Co) (2), 25 June (DW); HoffmanEst (4), 12 June (AA et al.).

Eastern Phoebe

Breeding: RedwingSl (nest w/5 eggs & 3 eggs & 1yg), 3 May & 26 June, respectively (SB); Palatine (downy yg), 9 July (AA); LeRoy Oakes FP (Du Page Co) (pr w/ 3 yg), 21 June (ES); NelsonL (nest under bridge), 18 June (ES); Site M (Cass Co) (nest in barn), 29 June (RJ); Noble (Richland Co) (yg), 8 June (RJ); Campbell Pond (Jackson Co) (2 nests), 27 Apr. (SB). **MC**: 8, St. Morgan_, 19 June (KM); 7, HennepinL, 15 June (DS); 7, Sheffield_, 18 June (DS); 7, Nauvoo (Hancock Co), 18 June (DS); 4, Columbia_, 18 June (KM).

Great Crested Flycatcher

Breeding: MArb (ad w/ 2 fledglings), 8-17 July (MC); *Cass* (4 ads & fledgling), 23 June (RJ). **MC**: 19, Palos, 11 June (DS); 19, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 17, Palos (Cap Sauers Woods), 15-16 June (SB); 16, PineHills, 30 June (DE fide SB); 13, Miller-And, 14 July (DE fide SB); 12, Lakewood FP (Lake Co), 19-21 June (SB); 12, PereMar, 26 June (DE fide SB); 11, AllertonPk, 6 June (DE fide SB); 8, HennepinL, 3 June (DS); 8, ChinBluffs, 6 June (MF); 7, Palmer (Christian Co), 2 June (RJ); 6, LowdMil, 5 July (DS); 6, Oconee, 9 July (DK); 6, Litchfield (Montgomery Co), 5 June (RJ); 5, Amboy (Lee Co), 15 July (SB); 5, Black Partridge Park (Woodford Co), 1 June (TL); 5, Bone Gap (Wabash Co), 18 July (RJ); 4, Quincy, 16 July (AD); 4, Columbia_, 18 June (KM); 4, CarlL, 10 July (DK); 3, St. Morgan_, 19 June (KM); 3, Jamestown_, 2 June (DK); 3, CarlL, 10 July (KM); 3, C'dale, 21 June (RR).

Western Kingbird

Breeding: ESTL (1-2), 12 June – 19 July (DK, KM). **Others**: *Madison*, 1 June - 20 July (FH).

Eastern Kingbird

Breeding: SongBird (ads feeding yg), 24 June (AA); Perdueville (2 nests), 29 June (SB). **MC**: 26, MidewinPr, 17-18 June (SB); 19, CarlL, 10 July (KM); 16, *Sangamon*, 24 July (DS); 15, Sheffield_, 18 June (DS); 14, LostMound, 17 July (AA) and (13), 9-12 June (SB); 11, Martinsville_, 6 June (SB); 10, Cisco (Piatt Co), 7-9 Julyl (SB); 8, Perdueville, 29 June (SB); 8, Kell_, 5 June (SB); 7, Palatine, 9 July (AA); 6, ESTL, 12 June (DK); 6, Lenzburg, 12 June (DK); 6, *Jackson*, 29 July (KM); 5, Spfld, 24 July (KM).

Scissor-tailed Flycatcher

Breeding: Lenzburg (male & pr), 6 & 16-17 June, resp. (TD fide DK), and (nest/pr), 19-29 June DK et al.); Big Muddy River (Union Co) (nest/pr), 5-18 June (DK, KM, m.ob.), then repeat nesting in early July (DK, m.ob.). None of the known nests were successful this year. **Others**: w. *Macon*, 14 July (TM).

Loggerhead Shrike

Breeding: LostMound (7 birds incl. pr w/ yg), 9-12 June (SB) and (3), 17 July (AA et al.); n.w. *Edwards* (juv) and e. *Edwards* (2 yg), 5 July (EW). **MC**: 7 (see breeding records); 5, CarlL, 22 July (DK); 3, New Athens (St. Clair Co), 7 June (DK). **Others**: Lighthouse Rd (Ogle Co) (pr), 5 & 15 July (DS); NachusaGr, 3-10 July (EW); n.e. *Lee*, 15 July (DS): MidewinPr, 17 June (SB); s.w.*Henderson*, 18 June (DS); Secor (Woodford Co), 19 June (MF); PrRidge, 5 July (EW); w.c.Clay, 4 July (EW); Kell_, 5 June (SB); St. *Clair*, 27 June (FH).

White-eyed Vireo

MC: 9, Venedy, 1-2 July (SB); 9, C'dale, 21 June (RR); 4, *Pike*, 9 July (AD); 4, HerrickL, 5 June (ES); 4, Rinard (Wayne Co), 18 June (RJ); 3, CarlL, 10 July (KM). **Others**: LowdMil (2), 26 June (DW); BurnidgeFP (male), 22 June (AA et al.); Flossmore (Cook Co) (male), 16 June (AA); Palos (Cap Sauers Woods) (2), 25 June (DS); GreeneValFP (2 males), 15 June – 27 July (MC); Marseilles (La Salle Co) (male), 16 July (SB); Miller-And (male), 14 July (DE fide SB); HennepinL, 3 June – 2 July (DS); ChinBluffs, 6 June (MF); Mackinaw, 13 June (MF); Mahomet (Champaign Co), 13 July (EC); Site M (Cass Co), 29 June (RJ); Decatur (Macon Co), 23 June (TM); FoxRidge (2), 4 June (DE fide SB).

Bell's Vireo

Breeding: PrattsWW (pr 2/ 2 yg), 19 July (ES). **MC**: 7 males), PrRidge (Jasper Co), 13-15 June (JW, SS); 6 (5 males), GRCA, 11 June (DE fide SB); 5 (males), Riverbend FP (Champaign Co), 15 June (EC); 5 (males), Jewett (Cumberland Co), 3-4 June (SB); 5 (males), Pyramid SP (Perry Co), 17 June (DE fide SB); 4, *Williamson*, 13 July (DK); 3, ESTL, 19 July (KM); 3, Lenzburg (St. Clair Co), 25 June (DK). **Others**: PrattsWW, 13 & 19 June (UG); MidewinPr (3 males), 18 June (SB); HerrickL (male), June-July (ES); East Braneh FP (DuPage Co) (male), 5 July (ES); McKee Marsh (DuPage Co) (2 imm.), 6 Aug. (ES); *Putnam* (2 males), 3 June (DS); Johnson-Sauk Trail SP (Henry Co) (3 males), through 10 July (EW); Plymouth (Hancock Co) (2 males), 15 July (BR fide SB); Banner Marsh (Fulton Co) (male), 19 June (DE fide SB); Carlock (Woodford Co) (male), late May – early July (MF); KCP (2 males), early June (EW); Spunky Bottoms (Brown Co) (2 males), 8 June (DE fide SB); Kell_ (male), 5 June (SB).

Yellow-throated Vireo

MC: 12 (11 males), Venedy, 1-2 July (SB); 9, Palos, 21 June (DS); 6, MissPalis, 11 July (EW); 6, MoraineHills, 10 July (DS); 4, LowdMil, 5 July (DS); 4, HennepinL, 15 July (DS); 4, Miller-And, 14 July (DE fide SB); 4, Roby (Christian Co), 14 July (RJ); 4, CarlL, 12 June (DK); 3, HerrickL, 30 June (ES); 3, Black Partridge Park (Woodford Co), 22 June (TL); 3, Sefton,

8 July (DK); 3, Quincy, 16 July (AD); 3, Oconee, 4 July (DK); 3, C'dale, 21 June (RR); 3, PineHills, 30 June (DE fide SB).

Blue-headed Vireo

MissPalis, 8 July (DE fide SB).

Warbling Vireo

MC: 22, HennepinL, 15 June (DS); 10, LCal, 13 June (WM); 10, *Monroe*, 22 June (KM); 10, Columbia_, 18 June (KM); 8, Palatine, 9 July (AA); 8, St. Morgan_, 19 June (KM); 7 (5 males), SongBird, 24 June (AA et al.); 7, HL, 21 June (KM); 6 (males), Tinley Park (Cook Co), 16 June (AA); 6, CarlL, 12 June (DK); 6, Campbell Pond (Jackson Co), 29 June (DE fide SB); 5 (males), Atkinson (Henry Co), 14 July (BR fide SB); 5, Coffeen (Montgomery Co), 4 June (RJ); 5, L Lola (Bond Co), 7 July (DK); 4 (males), BusseWoods, 5 June (AA et al.); 4 (males), HoffmanEst, 12 June (AA et al.); 4, Beaucoup_, 1 June (DK); 3, Jamestown_, 2 June (DK); 3, Silver Creek (St. Clair Co), 25 June (DK); 3, C'dale, 21 June (RR).

Red-eyed Vireo

Breeding: Amboy (Lee Co) (nest w/ cowbird), 14-15 July (SB); Broberg Marsh (Lake Co) (nest building), 22 June (SB); Elmhurst (DuPage Co) (ad w/ fledgling), 10-11 July (MC). **MC**: 34, Palos, 11 June (DS) and (29 males) (Cap Sauers Woods), 15-16 June (SB); 29, PereMar, 26 June (DE fide SB); 29, PineHills, 30 June (DE fide SB); 27, MissPalis, 8 July (DE fide SB); 24, LowdMil, 5 July (DS); 24, AllertonPk, 6 June (DE fide SB); 21 (males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 20 (19 males), Amboy (Lee Co), 15 July (SB); 20, Miller-And, 14 July (DE fide SB); 18 (17 males), Lakewood FP (Lake Co), 21 June (SB); 17, FoxRidge, 4 June (DE fide SB); 16, Lima (Adams Co), 10 July (RJ); 15 (males), Edwards (Peoria Co), 17 July (BR fide SB); 15 (13 males), Venedy, 1-2 July (SB); 14 (males), Ashmore (Coles Co), 8 July (SB); 13 (males), Marseilles (La Salle Co), 16 July (SB); 13, Litchfield, 5 June (RJ); 11 (males), BusseWoods, 5 June (AA et al.); 11 (10 males), Tower Hill (Shelby Co), 19 July (BR fide SB); 10 (males) Winslow Twp (Stephenson Co), 3 July (BR fide SB); 10, Black Partridge Park (Woodford Co), 22 June (TL); 8, Sefton, 8 July (DK); 7 (6 males), Woodstock, 24 June (SB); 7 (males), Port Byron (Rock Island Co), 19 June (BR fide SB); 7, Honey Creek Woods (McDonough Co), 30 June & 7 July (TL); 7, Mackinaw, 13 June (MF); 7, Independence Park (Tazewell Co), 3 June (TL); 5, LCal (Eggers Woods), 27 June (CaM); 5, MArb, 1 June – 26 July (MC); 5 (4 males), near Argenta (Macon Co.), 13 July (SB); 4, Oconee, 9 July (DK); 4, St. Morgan_, 19 June (KM).

Blue Jay

MC: 47, Palos (Cap Sauers Woods), 15-16 June (SB); 27, PereMar, 26 June (SB) (DE fide SB); 22, SandPrNA, 1-8 July (RJ); 20, LowdMil, 5 July (DS); 20, Marseilles (La Salle Co), 16 July (SB); 20, Oconee, 9 July (DK); 17, Woodstock, 24 June (SB); 17, Lakewood FP (Lake Co), 19-21 J une (SB); 15, Kell_, 5 June (SB); 13, Miller-And, 14 July (DE fide SB); 13, Lima (Adams Co), 10 July (RJ); 13, Fisher (Champaign Co), 14 June (SB); 12, Martinsville_, 6 June (SB); 12, Lenzburg (St. Clair Co), 25 June (DK); 11, Black Partridge Park (Woodford Co), 22 June (TL); 11, St. Morgan_, 19 June (KM); 10, Summum (Fulton Co), 6 July (SB); 10, Spfld, 24 July (KM); 9, LostMound, 9-12 June (SB); 9, Artenta (Macon Co), 13 July (SB); 9, Columbia_, 18 June (KM).

American Crow

MC: 51, Sheffield_, 18 June (DS); 43, LostMound, 12 June (SB); 31, SandPrNA, 1-8 July (RJ); 31, Kell_, 5 June (SB); 24, RedwingSl, 26 June (SB); 20, *Ogle*, 15 July (DS); 20, St. Morgan_, 19 June (KM); 17, Milford _, 13 June (SB); 17, Martinsville_, 6 June (SB); 17, C'dale, 21 June (RR); 13, Woodstock, 24 June (SB); 11, BurnidgeFP, 22 June (AA et al.); 11, CarlL, 24 July (KM); 9, Columbia_, 18 June (KM); 8, Winkle (Perry Co), 30 June (DK); 8, KiddL, 4 July (DK). **Note**: still scarce at LCal (only 3 observed in 10 hours of observation 13 June) (WM).

Fish Crow

MC: 29, Quincy, 15 Aug. (EW); 10, ESTL, 12 June (DK); 9, *Alexander*, 23 June (KM); 6, PineHills, 30 June (DE fide SB). **Others**: Venedy (Washinton Co), 2 July (SB); Royalton_, 5 June (RR); Campbell Pond (Jackson Co) (3), 29 June (DE fide SB).

Horned Lark

MC: 84, Milford_, 13 June (SB); 58, Beaucoup_, 1 June (DK); 45, Martinsville_, 6 June (SB); 41, *Boone*, 11 July (DS); 39, Columbia_, 18 June (KM); 36, *Coles*, 30 June (SB); 33, St. Morgan_, 19 June (KM); 32, *Monroe*, 22 June (KM); 28, *Sangamon*, 24 July (DS); 22, Jamestown_, 2 June (DK); 20, CarlL, 10 July (DK) and 22 July (KM).

Purple Martin

Breeding: CBG (13 prs), 23 June (AA); Danville (Vermilion Co), 68 yg fledged from 18 boxes (BK). **MC**: 425, Spfld, 24 July (KM et al.); 120, CarlL, 10 July (DK); 100, *Jersey*, 18 July (KM); 94, Chi, 28 June (CaM); 77, CarlL, 24 July (KM); 67 (ads), Mahomet (Champaign Co); 7 June (EC); 50, *Alexander*, 18 June (KM); 40, *Randolph*, 29 July (KM); 36, Beaucoup_, 1 June (DK); 35, *Jackson*, 9 June (DK).

Tree Swallow

Breeding: Palatine (110+ incl. many yg), 9 July (AA); BusseWoods (6 nests), 5 June (AA et al.); BurnidgeFP (3 nests), 22 June (AA et al.); Tinley Park (Cook Co) (8 nests), 16 June (AA); HoffmanEst (6 nests), 12 June (AA); SongBird (4 nests), 24 June (AA et al.); *Vermilion*: 524 young fledged from bluebird boxes (BK). **MC**: 800+, *Fulton*, 11 July (LHo); 285, n.e. *Lee*, 15 July (DS); 205, HennepinL, 2 July (DS); 175+, Argyle L SP (McDonough Co), 7 July (LHo); 110+ (see breeding record); 84, CarlL, 10 July (KM); 72, MidewinPr, 4 July (DS); 32, *Schuyler*, 7 July (LHo); 30, BusseWoods, 5 June (AA et al.); 23, SongBird, 24 June (AA) et al.); 20, Tinley Park (Cook Co), 16 June (AA); 20, w.*Alexander*, 29 July (KM); 18, HoffmanEst, 24 June (AA); 16, HL, 22 June (KM); 14, L Lola (Bond Co), 7 July (DK); 10, KiddL, 4 July (DK).

Northern Rough-winged Swallow

Breeding: Noble (Richland Co) (nest in bridge), 8 June (RJ). **MC**: 73, RockCut, 23 June (DW); 52, MidewinPr, 4 July (DS); 26, *Bureau*, 2 July (DS); 24 (w/ 7 burrows), ChinBluffs, 6 June (MF); 20, ESTL, 9 June (DK); 17, *Monroe*, 22 June (KM); 12, CarlL, 10 July (KM).

Bank Swallow

Breeding: Rockford (ariport quarry, 60 nest holes), 5 July (DS); LCal (50 nest holes), 29 June (WM); MidewinPr (35 holes), 4 July (DS); *Bureau* (20+ holes), 2 July (DS); Dallas City (Henderson Co) (250 holes, 87 birds banded), 8 June (VK); Quincy (300 holes), 3 July (AD); Prairie Du Rocher (Randolph Co) (400 nest holes), 4-5 July (DK). **MC**: 2500, Chau, 25 July (TM); 275 (ads & juvs), LCal, 11 June (WM); 35+, Amboy (Lee Co), 10 July (EW). **Others**: Blackberry Twp (Kane Co) (+), 26 June (UG); GreeneValFP (+), 6 June (UG); PrattsWW (2), 13 June (UG).

Cliff Swallow

Breeding: Flagg Rd (Ogle Co) (18 nests), 12 June (DS); Cherry Valley (Winnebago Co) (25 nests), 11 July (DS); BusseWoods (5 nests), 15 June (AA); Dresden Power Plant (Grundy Co) (15+ nests), 13 June (DS); 1-180 bridges (Bureau Co) (45+ & 55+ nests), 2 July (DS); Quincy (Adams Co) (est 200 nests), 19 June (EC); Salt Fork FP (Champaign), 30+ nests), 8 June (EC); s. *Champaign* (24+ nests), 1 July (EC); Scottland (Edgar Co) (36 nests), 12 June (EW); New Athens (St. Clair Co) (248 nests), 13 July (TomM); Baldwin (Randolph Co) (87 nests), 13 July (TomM); Gorham (Jackson Co) (25+ nests), 27 Apr. (SB, m.ob). **MC**: 300, CarlL, 10 July (DK); 170+ (ads), *Bureau*, 2 July (DS); 85, Spfld, 24 July (KM); 58, LostMound, 11 July (EW); 50+, LShel, 9 July (TM); 50, *Alexander*, 18 June (KM); 40+, Bushnell (McDonough Co), 22 July (LHo); 35+, LostMound, 17 July (AA et al.); 32, *Monroe*, 22 June (KM). **Others**: Hidden L FP (DuPage Co) (+ — possibly breeding), 24 June (UG).

Barn Swallow

Breeding: Mundelein (Lake Co) (female at nest w/ 3 yg), **1 Aug**. (SB); Chi (Garfield Park) (31 nests), 30 May (AA); Chi (Humboldt Park) (18 nests), 17 July (AA). **MC**: 175, *Sangamon*, 24 July (DS); 160+, HennepinL, 10 July (EW); 144, *Monroe*, 22 June (KM); 82, Sheffield_, 18 June (DS); 76, *Ogle*, 15 July (DS); 63, Site M (Cass Co), 24-29 June (RJ); 56, Stillwell_, 8 June (VK); 56, *St. Clair*, 22 June (KM); 55, Fairbury_, 24 June (VK); 53, Pontiac_, 25 June (VK); 52, Waynesville_, 19 June (VK); 50, Atkinson_, 19 June (DS); 50, HL, 5 July (KM); 49, *Hancock*, 18 June (DS); 46, Columbia_, 18 June (KM); 46, Belknap_, 5 June (VK); 39, BeaverDam_, 3 June (VK); 32, *Randolph*, 29 July (KM); 30, O'Fallon (St. Clair Co), 25 July (KM); 30, Beaucoup_, 1 June (DK); 27, St. Morgan_, 19 June (KM); 25, Milford _, 13 June (SB); 22, KiddL, 4 July (DK); 20, Jamestown_, 2 June (DK); 20, CarlL, 12 June & 10 July (DK).

Carolina Chickadee

Breeding: FGP (building in bluebird box), 3 Apr. (SB); Kickapoo SP (Vermilion Co) (7 family groups), 12 June (EW). **MC**: 38, Venedy, 1-2 July (SB); 22, PineHills, 30 June (DE fide SB); 21, C'dale, 21 June (RR); 14, FoxRidge, 4 June (DE fide SB); 8, CarlL, 10 July (KM); 6, St. Morgan_, 19 June (KM); 5, Jamestown_, 2 June (DK); 5, L Lola (Bond Co), 7 July (DK).

Black-capped Chickadee

Breeding: HoffmanEst (pr feeding 2 yg), 12 June (AA et al.); SongBird (pr w/ 2 yg), 24 June (AA et al.). **MC**: 52, MissPalis, 11 July (EW); 41, Palos, 3 July (DS); 32, LowdMil, 5 July (DS); 28, Miller-And, 14 July (DE fide SB); 25, Lakewood FP (Lake Co), 19-21 June (SB); 18, Marseilles (La Salle Co), 15-16 July (SB); 17, MissPalis, 8 July (DE fide SB); 16, Woodstock, 24 June (SB); 15, PereMar, 26 June (DE fide SB); 14, Edwards (Peoria Co), 17 July (BR fide SB); 11, Port Byron (Rock Island Co), 19 June (BR fide SB); 9, Independence Park (Tazewell Co), 14 June (TL); 9, Oconee, 9 July (DK).

Tufted Titmouse

Breeding: Litchfield (Montgomery Co) (11 incl. 5 fledglings), 5 June (RJ). **MC**: 46, BeaverDam_, 3 June (VK); 36, PereMar, 26 June (DE fide SB); 36, Venedy, 2 July (SB); 28, Pulaski_, 4 June (VK); 23, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 22, MissPalis, 11 July (EW); 20, Marseilles (La Salle Co), 16 July (SB); 20, Martinsville_, 6 June (SB); 20, PineHills, 26 June (DE fide SB); 19, Kell_, 5 June (SB); 19, C'dale, 21 June (RR); 18, Oconee, 9 July (DK); 17, Miller-And, 14 July (DE fide SB); 17, Belknap_, 5 June (VK); 14, Sefton, 8 July (DK); 12, Rinard (Wayne Co), 18 June (RJ); 11, BurntPrairie_, 2 June (VK); 10, AllertonPk, 6 June (DE fide SB); 9, LowdMil, 5 July (DS); 9, Edwards (Peoria Co), 17 July (BR fide SB); 9, Palmer (Christian Co), 2 June (RJ); 9, Lima (Adams Co), 10 July (RJ); 9, St. Morgan_, 19 June (KM); 8, Black Partridge Park (Woodford Co), 1 June (TL); 8, Newton (Jasper Co), 15 July (RJ); 7, Roby (Christian Co), 14 July (RJ); 7, Snyder L (Jackson Co), 2 July (DK); 7, Jamestown_, 2 June (DK); 6, Summum (Fluton Co), 6 July (BR fide SB); 6, Beaucoup_, 1 June (DK); Winslow Twp (Stephenson Co. **Others**: Big Rock (Kane Co), 15 June (BR fide SB).), 3 July (BR fide SB).

Red-breasted Nuthatch

MArb (2+), late May through 2 July (ES, EW).

White-breasted Nuthatch

Breeding: Barrington Hills (Cook Co) (ads w/ yg), 22 June (AA et al.); Woodridge (DuPage (Co) (ad feeding yg), 2 July (MC); GreeneValFP (ad feeding 2 yg), 15 July (MC). **MC**: 34, Palos (Cap Sauers Woods), 15-16 June (SB); 30, Venedy, 1-2 July (SB); 22, Palos, 27 June (DS); 20, Miller-And, 14 July (DE fide SB); 19, PereMar, 26 June (DE fide SB); 17, Marseilles (La Salle Co), 16 July (SB); 16, Lakewood FP (Lake Co), 19-21 June (SB); 14, MissPalis, 8 July (DE fide SB); 13, FoxRidge, 4 June (DE fide SB); 11, Sefton, 8 July (DK); 11, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 10, Woodstock, 24 June (SB); 10, ChinBluffs, 6 June (MF); 10, Oconee, 9 July (DK); 9, *Putnam*, 2 July (DS); 9, Black Partridge Park (Woodford Co), 22 June (TL); 9, Lima (Adams Co), 10 July (RJ); 9, AllertonPk, 6 June (DE fide SB); 9, Palmer (Christian Co), 2 June (RJ); 8, LowdMil, 5 July (DS); 8, Port Byron (Rock Island Co), 19 June (BR fide SB); 8, Roby (Christian Co), 14 July (RJ); 7, Amboy (Lee Co), 15 July (SB); 7, Independence Park (Tazewell Co), 14 June (TL); 6, Honey Creek Woods (McDonough Co), 30 June (TL); 6, Argenta (Macon Co), 13 July (SB); 6, C'dale, 21 June (RR); 5 (incl. yg), Rockford, 15 July (DW); 4, Beaucoup_, 1 June (DK); 4, CarlL, 10 July (KM).

Brown Creeper

Miller-And, 14 July (DE fide SB); AlletonPk, 6 June (DE fide SB).

Carolina Wren

MC: 35 (31 males), Venedy, 1-2 July (SB); 19, PereMar, 26 June (DE fide SB);19, Belknap_, 5 June (VK); 17, C'dale, 21 June (RR); 17, BurntPrairie_, 2 June (VK); 17, BeaverDam_, 3 June (VK); 16, Pulaski_, 4 June (VK); 15 (14 males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 14, Royalton_, 5 June (RR); 14, PineHills, 30 June (DE fide SB); 11, Oconee, 9 July (DK); 11, St. Morgan_, 19 June (KM); 11, Columbia_, 18 June (KM); 10, Martinsville_, 6 June (SB); 9, Roby (Christian Co), 14 July (RJ); 8, FoxRidge, 4 June (DE fide SB); 8, Kell_, 5 June (SB); 7, Palos, 3 July (DS); 6, Long Branch (Hamilton Co), 16 July (RJ); 5, Honey Creek Woods (McDonough Co), 7 July (TL); CarlL, 24 June (DK). **Others**: Castle Rock SP (Ogle Co) (male), 16 July (AA et al.); Kyte River (Ogle Co), 27 July (DW); Miller-And, 14 July (DE fide SB); Marseilles (La Salle Co), 15-16 July (SB).

House Wren

Breeding: *Vermilion*: 154 yg. fledged from bluebird boxes. **MC**: 36, Sheffield_, 18 June (DS); 30, AllertonPk, 6 June (DE fide SB); 21 (males), Amboy (Lee Co), 14-15 June (SB); 19, Milford_, 13 June (SB); 17, CarlL, 10 July (KM); 16, *Ogle*, 12 June (DS); 15, Miller-And, 14 July (DE fide SB); 15, Cisco (Piatt Co), 9 July (SB); 15, *Sangamon*, 24 July (DS); 15, Martinsville_, 6 June (SB); 14, GRCA, 11 June (DE fide SB); 13 (12 males), Edwards (Peoria Co), 1 July (BR fide SB); 13 (males), Argenta (Macon Co), 12-13 July (SB); 12, HennepinL, 2 July (DS); 12, Fairbury_, 24 June (VK); 12 (11 males), Fisher (Champaign Co), 14 June (SB); 12, Rochester (Sangamon Co), 7 June (RJ); 11, Palatine, 9 July (AA); 11, CampPoint_, 7 June (VK); 11, Newton (Jasper Co), 15 July (RJ); 10 (males), Winslow Twp (Stephenson Co), 3 July (BR fide SB); 9 (8 males), Barring Hills (Cook Co), 14 June (AA); 9, St. Morgan_, 19 June (KM); 8 (males), LostMound, 17 July (AA); 8 (males), BusseWoods, 5 June (AA) et al.); 8 (males), Morrison (Whiteside Co), 17 June (BR fide SB); 7 (males), Tinley Park (Cook Co), 16 June (AA); 7, HoffmanEst, 12 June (AA et al.); 7, Independence Park (Tazewell Co), 3 June (TL); 7, *St.Clair*, 22 June (KM); 7, Stillwell_, 8 June (VK); 7, Pontiac_, 25 June (VK); 6 (5 males), BurnidgeFP, 22 June (AA); 5, Des Plaines (Cook Co), 1-15 June (AA); 5, Waynesville_, 19 June (VK); 5, Spfld, 24 June (KM et al.); 5, Beaucoup_, 1 June (DK); 5, Jamestown_, 2 June (DK); 5, C'dale, 21 June (RR); 4, Silver Creek (St. Clair Co), 25 June (DK).

Sedge Wren

MC: 38 (males), PrRidge (Jasper Co) (est. pop. = 133 prs), 13-15 June (JW, SS); 33 (28 males), BusseWoods, 18 June (AA); 28+ (males), NachusaGr, 18 July (AA et al.); 23, GLPSP, 17 July (EW); 22 (males), Site M (Cass Co), 28-29 June (RJ); 18 (males), NelsonL, 18 June (ES); 18 (males), PrRidge (Marion Co) (est. pop. = 114 prs), 23 June (JW, SS); 16 (males), Patton Twp (Ford Co), 29 June (SB); 13 (males), Canton (Fulton Co), 13 July (DE fide SB); 10 (males), MidewinPr, 18 June (SB); 6 & 8, Orland Grasslands (Cook Co), 3 & 12 June, resp. (WS, GW); 6, Pecatonica (Winnebago), 24 July (DW); 6, IBSP, 31 July (DW); 5, Pecatonica FP (Winnebago Co), 11 July (EW); 5, Kieselburg FP (Winnebago Co), 25 July (DW); 5 (males), MoraineHills, 10 July (DS); 5 (4 males), Barrington Hills (Cook Co), 14 June (AA et al.); 5 (males), BurnidgeFP, 22 June (AA et al.); 5 (males), Tinley Creek FP (Cook Co), 15 June (SB); 5 (males), Florid (Putnam Co), 21 June (BR fide SB); 5, Long L (Schuyler Co), 7 Aug. (EW); 5 (males), Atterbury (Menard Co), 20 July (RJ); 5, PrRidge, 28 June (BS). **Others**: SongBird (4 males), 24 June (AA et al.); Palatine (3 males), 9 July (AA); Atkinson (Henry Co) (2 males), 14 July (BR fide SB); LCal (Burnham Prairie) (male), 19 June (WM); WaterfallGlen (2), 12 June (UG); PrattsWW (2), 19 June (UG); Fermi (+), 31 July (UG); Cisco (Piatt Co) (3 males), 9 July (SB); Tuscola (Douglas Co) (2 males), 14 July (SB); Kemp (Douglas Co) (2 males), 29 June & 7 July (SB); Kell_, 5 June (SB); *Bond*, 10 July (KM); HL, 24 July (FH); St. Morgan_ (2), 19 June (KM); Winkle (Perry Co) (2), 29-30 June (DK).

Marsh Wren

Breeding: GLPSP (2 ad, 3 yg), 17 July (EW). **MC**: 44 (43 males), RedwingSl, 26 June (SB); 28 (males), Broberg Marsh (Lake Co), 22 June (SB); 20+, GardenPrSl, 3 July (DW); 15 (14 males), Palos (Buttonbush Slough), 17 June (SB): 14 (males), LCal, 13 June (WM); 13 (males), Palatine, 9 July (AA); 13, Winthrop Harbor (Lake Co), 1 July (EW); 12, HennepinL, 3 July (DE fide SB); 7-10, Palos (McGinnis Slough), 30 July (WS); 9 (males), Burnham (Cook Co), 19 June (WM); 8 (males), MoraineHills, 10 July (DS); 7 (males), Schaumburg, 12 June (AA et al.); 7 (males), Tinley Creek FP (Cook Co), 15 June (SB); 6 (males), SongBird (6 males), 24 June (AA et al.); 5 (males), UMRNWR, 17 July (AA et al.); 5 (males) Matteson (Cook Co), 15 June (SB); 5, PrattsWW, 13 June (UG); 5, GLPSP, 12 June (DE fide SB). **Others**: Freeman-Kane FP (Kane Co), 9 July (EW); Almond Marsh (Lake Co), 31 May (EW); BusseWoods (4 males), 15 June (AA); Bolingbrook (Will Co) (3), 2 July (UG); Fermi, 31 July (UG); Tri-County Park (DuPage Co) (3 males), 26 June (EW); *Jasper*, 15 July (BS).

Blue-gray Gnatcatcher

MC: 26 (15+ territories), Venedy, 1-2 July (SB); 22, Fayetteville (St. Clair Co), 20 May – 2 July (SB); 20, C'dale, 21 June (RR); 19, Palos, 21 June (DS); 15, HoffmanEst, 12 June (AA); 11, Black Partridge Park (Woodford Co), 22 June (TL); 10 (8 territories), Lakwood FP (Lake Co), 19-21 June (SB); 10, Tinley Park (Cook Co), 16 June (AA); 10, PineHills, 30 June (DE fide SB); 9, Columbia_, 18 June (KM); 9, MissPalis, 11 July (EW); 9, Mackinaw, 13 June (MF); 9, Royalton_, 5 June (RR); 9, Snyder L (Jackson Co), 2 July (DK); 7, Independence Park (Tazewell Co), 14 June (TL); 6, Honey Creek Woods (McDonough Co), 23 June (TL); 6, FoxRidge, 4 June (DE fide SB); 6, Quincy, 9 July (AD); 6, Oconee, 9 July (DK); 6, Dongola (Union Co), 27-28 May (SB); 6, MermetL, 27 June (KM et al.); 5, LowdMil, 5 July (DS); 5, AllertonPk, 6 June (DE fide SB); 5, Jamestown_, 2 June (DK); 5, St. Morgan_, 19 June (KM); 4, Miller-And, 14 July (DE fide SB); 4, CarlL, 24 June (DK) and 24 July (KM). **Others**: MissPalis (3), 8 July (DE fide SB); Winslow Twp (Stephenson Co) (3), 3 July (BR fide SB); GreeneValFP (3), 6 June (UG); Port Byron (Rock Island Co) (3), 29 June (BR fide SB).

Eastern Bluebird

Breeding: LostMound (16 incl. yg), 17 July (AA); SongBird (2 yg), 24 June (AA); MArb: 18 fledged from nest boxes (MC); *Vermilion*: 1356 yg fledged from 449 boxes (BK). **MC**: 29, Belknap_, 5 June (VK); 25, CarlL, 24 July (KM); 25, BeaverDam_, 3 June (VK); 14, *Ogle*, 12 June (DS); 13, *Putnam*, 2 July (DS); 13, *Hancock*, 18 June (DS); 12, C'dale, 21 June (RR); 11, Pomona, 26 June (KM); 10, *Monroe*, 22 June (KM); 10, *Randolph*, 29 July (KM); 8, Oconee, 9 July (DK); 8, MermetL, 27 July (KM).

Veery

MC: 24, LowdMil, 5 July (DS); 13, MissPalis, 8 July (DE fide SB); 5, IBSP, 1 July (EW); 5, Miller-And, 2 July (DS). **Others**: RockCut (3), 26 June (ES); Palos (Cap Sauers Woods) (5), 15 June (SB).

Wood Thrush

Breeding: Riverwoods (Lake Co) (4 yg), 8-13 June (EW). **MC**: 25, PineHills, 30 June (DE fide SB); 21, PereMar, 26 June (DE fide SB); 19,

Sefton, 8 July (DK); 18, Oconee, 9 July (DK); 17, Miller-And, 14 July (DE fide SB); 15 (13 males), Venedy, 1-2 July (SB); 15, Snyder L (Jackson Co), 2 July (DK); 13, LowdMil, 5 July (DS); 12, Palos, 11 June (DS); 9, AllertonPk, 6 June (DE fide SB); 7 (males), Lima (Adams Co), 10 July (RJ); 7, Quincy, 25 June (AD); 7 (5 males), Argenta (Macon Co), 13 July (SB); 7, Martinsville_, 6 June (SB); 7, C'dale, 22 June (RR); 6 (4 males), Woodstock, 24 June (SB); 6, MissPalis, 8 July (DE fide SB); 6 (5 males), Fillmore (Montgomery Co), 13 July (RJ); 5 (males), Winslow Twp (Stephenson Co), 3 July (BR fide SB); 5, Honey Creek Woods (McDonough Co), 30 June (TL); 5, HerrickL, 14 June (ES); 5 (4 males), Tower Hill (Shelby Co), 19 July (BR fide SB); 5 (4 males), Oskaloosa (Clay Co), 19 July (RJ). **Others**: Amboy (Lee Co) (4), 14-15 July (SB); Big Rock (Kane Co) (4 males), 15 June (BR fide SB); BusseWoods (3 males), 5 June (AA); Tinley Park (Cook Co) (3 males), 16 June (AA); HoffmanEst (male), 12 June (AA); BurnidgeFP (male), 22 June (AA); Marseilles (La Salle Co) (4), 15-16 July (SB); Milford_ (3), 13 June (SB); FoxRidge (3), 4 June (DE fide SB); Ashmore (Coles Co) (2 males), 8 July (SB).

American Robin

Breeding: ChinBluffs (nesting building), 31 July (MF). **MC**: 154, Sheffield_, 18 June (DS); 143, Jamestown_, 2 June (DK); 139, Fairbury_, 24 June (VK); 135, Beaucoup_, 1 June (DK); 120, St. Morgan_, 19 June (KM); 111, *Hancock*, 18 June (DS); 106, BurntPrairie_, 2 June (VK); 97, Stillwell_, 8 June (VK); 94, Milford_, 13 June (SB); 93, MidewinPr, 4 July (DS); 90, Atkinson_, 19 June (DS); 90, Pontiea_, 25 June (VK); 89, Martinsville_, 6 June (SB); 89, Kell_, 5 June (SB); 82, *Ogle*, 5 July (DS); 82, Waynesville_, 19 June (VK); 70, Palos, 11 June (DS); 67, Columbia_, 18 June (KM); 59, Palos (Cap Sauers Woods), 15-16 June (SB); 55, SongBird, 24 June (AA et al.); 52, *Monroe*, 22 June (KM).

Gray Catbird

Breeding: Swanwick (Perry Co) (nest w/ 2 eggs), 3 June (SB). **MC**: 30, Sheffield_, 18 June (DS); 25, Palos, 11 June (DS); 23, LowdMil, 5 July (DS); 20, Palos (Cap Sauers Woods), 15-16 June (SB); 20, HennepinL, 2 July (DS); 19 (14 males), Tinley Park (Cook Co), 16 June (AA); 15, BurnidgeFP, 22 June (AA et al.); 13 (11 males), HoffmanEst, 12 June (AA et al.); 13, CarlL, 10 July (KM).

Northern Mockingbird

MC: 35, Columbia_, 18 June (KM); 27 (24 territories), Lost Mound, 9, 11, & 12 June (SB); 25, St. Morgan_, 19 June (KM); 20 (males), SandPrNA, 1-8 July (RJ); 20, *Sangamon*, 24 July (DS); 20, Jamestown_, 2 June (DK); 16, Kell_, 5 June (SB); 12, Royalton_, 5 June (RR); 9, C'dale, 21 June (RR); 7, Martinsville_, 6 June (SB); 6, Lenzburg (St. Clair Co), 25 June (DK); 4 (males), Atkinson (Henry Co), 14 July (BR fide SB); 4, CarlL, 12 June (DK). **Others**: IBSP (pr w/ nest), 25 July (DW); MidewinPr (3 males), 18 June (SB); GLPSP, 13 June (DS); Keithsburg (Mercer Co), 18 June (DS); Plymouth (Hancock Co) (2), 15 July (BR fide SB); Cisco (Piatt Co) (2 males), 7-9 July (SB); *Coles* (2), 4 & 30 June (SB)..

Brown Thrasher

Breeding: RedwingSl (nest building), 3 May (SB); Site M (Cass Co) (nest w/ 2 eggs), 23 June (RJ). **MC**: 16 (13 males), MidewinPr, 17-18 June (SB); 15, Columbia_, 18 June (KM); 12, Martinsville_, 6 June (SB); 11 (9 males), LostMound, 9-12 June (SB); 10, Royalton_, 5 June (RR); 8, Sheffield_, 18 June (DS); 7, GRCA, 11 June (DE fide SB); 7, CarlL, 10 July (KM); 6 (3 males), BurnidgeFP, 22 Juine (AA et al.); 6, Jamestown_, 2 June (DK).

European Starling

MC: 1200 (roost), Plainfield (Will Co), 7 Aug. (EW); 720, MidewinPr, 4 July (DS); 667, PrRidge (Jasper Co), 9-17 June (RJ); 540, *DuPage*, 5 July (DS); 309, Atkinson_, 19 July (DS); 243, *Ogle*, 5 July (DS); 289, Albers (St. Clair Co), 1 July (SB); 261, St. Morgan_, 19 June (KM); 255, Columbia_, 18 June (KM); 230, Sheffield_, 18 June (DS); 187, Mt. Vernon (Jefferson Co), 3 June (SB); 126, Beaucoup_, 1 June (DK); 124, C'dale, 21 June (RR); 121, Milford_, 13 June (SB).

Cedar Waxwing

Breeding: Orland Grasslands (Cook Co) (3 nests in one tree), 12 June (WS); BusseWoods (ad on nest), 5 June (AA et al.); Lenzburg (St. Clair Co) (nest w/ 3 yg), 1 July (SB). **MC**: 44, RedwingSl, 25-26 June (SB); 42, Palos, 11 June (DS); 29, MidewinPr, 17-18 June (SB); 26, *Ogle*, 12 June (DS); 23, Kell_, 5 June (SB); 20, Gifford (Champaign Co), 2 June (SB); 19 LostMound, 12 June (SB); 19, BusseWoods, 15 June (AA); 19, SongBird, 24 June (AA et al.); 18, Matteson (Cook Co), 15 June (SB); 17, Lakewood FP (Lake Co), 19-21 June (SB); 16, HoffmanEst, 12 June (AA et al.); 14, Martinsville_, 6 June (SB); 10, White Heath (Piatt Co), 8 June (SB); 10, CarlL, 10 & 22 July (DK); 9, St. Morgan_, 19 June (KM); 8, Table Grove (Fulton Co), 20 June (KM); 8, Ferne Clyffe SP (Johnson Co), 26 June (KM et al.).

Blue-winged Warbler

Woodstock (male), 24 June (SB); Lyons Woods (Lake Co) (3 males), 1 July (EW); Sauk Village (Cook Co (2 males), 28 May (AA et al.); Barrington Hills (Cook Co) (4 males), 14 June (AA et al.); Palos (Swallow Cliff) (pr-agitated), 3 July (DS) and Cap Sauers Woods (4 males), 15-16 June (SB); ; GreeneValFP (2 males), 6 June (UG); HerrickL (3 males), 5 June (ES); ChinBluffs (2 males), 6 June (MF); KCP (male), 12 June (EW); Sugar Creek (Schuyler Co) (male), 22 July (LHo); Quincy, 30 July (AD); Pomona, 26 June (KM et al.).

Northern Parula

MC: 19, Oconee, 9 July (DK); 12, C'dale, 21 June (RR); 7, PereMar, 26 June (DE fide SB); 7, PineHills, 30 June (DE fide SB); 6, Independence Park (Tazewell Co), 14 June (TL); 6, Campbell Pond (Jackson Co), 29 June (DE fide SB); 5, Miller-And, 14 July (DE fide SB); 5, Kickapoo SP (Vermilion Co), 12 June (EW); 5, AllertonPk, 6 June (DE fide SB); 5, FoxRidge, 4 June (DE fide SB); 4, MissPalis, 11 July (EW); 4, Sefton, 8 July (DK). **Others**: Honey Creek Woods (McDonough Co) (2), 30 June (TL); ChinBluffs (1-2), 6 June – 9 July (MF); Roby (Christian Co), 14 July (RJ); Tower Hill (Shelby Co) (male), 19 July (BR fide SB); Mackinaw (3), 13 June (MF); Kell_, 5 June (SB); Martinsville_, 6 June (SB); Columbia_ (3), 18 June (KM); St. Morgan_ (3), 19 June (KM); Fayetteville (St. Clair Co) (3 males), 20 May – 2 July (SB); CarlL (2), 24 June (DK); Venedy (3 males), 1-2 July (SB); Snyder Creek (Jackson Co) (2), 2 July (DK); Pomona (4), 26 June (KM et al.); Hurricane Creek (Williamson Co) (2), 13 July (DK); Dongola (Union Co) (3 males), 27-28 May (SB).

Yellow Warbler

Breeding: Prs feeding yg at HoffmanEst (12 June), Tinley Park (Cook Co) (16 June), BurnidgeFP (22 June and SongBird (24 June) (AA, et al.); CarlL (ad & yg), 10 July (KM). **MC**: 41(35 males), LCal, 12-13 June (WM); 30 (21 males), BurnidgeFP, 22 June (AA et al.); 25 (19 males), HoffmanEst, 12 June (AA et al.); 23 (17 males), SongBird, 24 June (AA et al); 21 (16 males), HerrickL, 14 June (ES); 20, *Putnam*, 3 June (DS); 19 (17 males), MidewinPr, 17-18 June (SB); 19 (16 males), Tinley Park (Cook Co), 16 June (AA); 16 (15 males), Palos (3 locations), 17 June (SB); 14 (males), Matteson (Cook Co), 15 June (SB); 13 (males), IBSP, 1 July (EW); 10 (9 males), BusseWoods, 18 June (AA); 9 (males), RedwingSl, 26 June (SB); 7, Palatine, 9 July (AA); 6, MermetL, 27 June (KM et al.); 4, CarlL, 12 June (DK). **Others**: Jamestown_ (2), 2 June (DK).

Chestnut-sided Warbler

Amboy (Lee Co) (2 males), 14-15 July (SB); LowdMil (2), 5 July (DS); Machesney Park (Winnebago Co) (male), 3 June (BR fide SB); Woodstock (5 males), 24 June (SB); MoraineHills, 10 July (DS); Lyons Woods (Lake Co) (male), 17 June (EW); IBSP (2 males), 1 July (EW); Palos (Swallow Cliff) (3), 21 June & 3 July (DS); Palos (Miller Meadow), 15 June (JA); HerrickL, 12 July (ES); ChinBluffs (male), 19 June (MF).

Black-throated Green Warbler

NBSO: RockCut, 23 June (DW); Lyons Woods (Lake Co) (male), 1 July (EW).

Blackburnian Warbler

NBSO: LowdMil (male), 5 July (DS).

Yellow-throated Warbler

MC: 12, Oconee, 9 July (DK); 9, LowdMil, 5 July (DS); 4, Kickapoo SP (Vermilion Co), 12 June (EW); 4, MissPalis, 11 July (EW); 4, Heron Pond (Johnson Co), 27 June (KM). **Others**: Kilbuck FP (Winnebago Co) (2), June-July (DW); MArb (male), 5 June (UG); Honey Creek Woods (McDonough Co), 23 June – 7 July (TL); Black Partridge Park (Woodford Co) (3), 22 June (TL); Mackinaw (male), 13 June (MF); ChinBluffs (male), 9 July (MF); Mahomet (Champaign Co) (male), 22 June (EC); AllertonPk (male), 6 June (DE fide SB); Roby (Christian Co) (2), 14 July (RJ); Tower Hill (Shelby Co) (male), 19 July (BR fide SB); FoxRidge (male), 4 June (DE fide SB); Ashmore (Coles Co) (male), 2 July (SB); PineHills (male), 30 June (DE fide SB).

Pine Warbler

LowdMil (male), 12 June (DS); *Saline*, 5 July (KM).

Prairie Warbler

Broberg Marsh (Lake Co) (male), 22 June (SB); **Atkinson (Henry Co)** (male), 14 July (BR fide SB); KCP (4 males), early Aug. (SB); FGP, 12 June (EW).

Cerulean Warbler

MissPalis (8 males), 11 July (EW); Palos (Redgate Woods) (2), 11 June, and (1) through 3 July (DS); Port Byron (Rock Island Co) (male), 19 June (BR fide SB); Black Partridge Park (Woodford Co), 22 June (TL); ChinBluffs (2 males), 6 June and (1 male) through 9 July (MF); Ashmore (Coles Co) (male), 2 & 8 July (SB); Venedy (6 males), 1-2 July (SB); Pomona (3), 26 June (KM et al.) and (6), 4 July (EW); PineHills (2 males), 30 June (DE fide SB).

Black-and-white Warbler
ChinBluffs (female), 19 June (MF); Venedy (male), 2 July (SB).

American Redstart
MC: 78 (73 males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 39 (36 males), Venedy, 1 July (SB); 9, *Bureau*, 2 July (DS); 6, Santa Fe Bottoms (Clinton Co), 26 June (DK); 6, Pomona, 26 June (KM et al.); 5, (4 males), HerrickL, 5 June (ES). **Others**: LowdMil (2 males), 18 July (AA); Castle Rock SP (Ogle Co) (3 males), 16 July (AA et al.); Erie (Whiteside Co) (male), 24 June (BR fide SB); HoffmanEst (2 males), 12 June (AA et al.); Palos (Cap Sauers Woods) (2), 15 June and (Saganashkee Slough (male), 17 June (SB).

Prothonotary Warbler
Breeding: Les Arends FP (DuPage Co) (pr w/ nest), 12 June (ES); Rinard (Wayne Co) (female feeding yg), 18 June (RJ). **MC**: 15 (14 males), Venedy, 1-2 July (SB); 13, Chau, 25 June (RBj, SBj); 12, Snyder L (Jackson Co), 2 July (DK); 11 (males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 6 (5 males), Lebanon (St. Clair Co), June/July (SB); 6, Heron Pond (Johnson Co), 27 June (KM et al.); 6, MermetL, 27 June (KM et al.); 4, CarlL, 12 June (DK); 4, Silver Creek (St. Clair Co), 25 June (DK); 4 (males), Ullin (Pulaski Co), 27 May (SB). **Others**: LostMound (male), 9 June (SB); Morrison (Whiteside Co) (male), 17 June (BR fide SB); Palos (Thatcher Woods) (male near nest cavity), 11 June (JA); *Bureau* (3 males), 15 June (DS); *Henderson* (2 males), 18 June (DS); Rochester (Sangamon Co), 7 June (RJ).

Worm-eating Warbler
Breeding: PereMar (female on nest w/ 4 eggs + 1 cowbird egg), 16 May (SB, SD). **MC**: 8, PineHills, 30 June (DE fide SB); 5, FoxRidge, 4 June (DE fide SB). **Others**: MissPalis (male), 8 July (DE fide SB); PereMar (3 males), 26 June (DE fide SB); Pomona (2), 26 June (KM et al.).

Worm-eating Warbler, Trail of Tears State Forest. 4 July 2004. Photo by Eric Walters.

Swainson's Warbler
Johnson, 29 June (AS) through 5 July (BS, LH).

Ovenbird
Breeding: LowdMil (pr with fledglings), 12 June. **MC**: 43, LowdMil, 5 July (DS); 23, MissPalis, 8 July (DE fide SB); 20, FoxRidge, 4 June (DE fide SB); 16 (15 males), Lima (Adams Co), 10 July (RJ); 8, Palos, 21 June (DS); 8, Mackinaw, 13 June (MF); 7 (4 males), Miller-And, 14 July (DE fide SB); 5 (males), Woodstock, 24 June (SB); 5 (males), HerrickL, 30 June (ES); 5 (males), PineHills, 30 June (DE fide SB); 4, AllertonPk, 4 June (DE fide SB). **Others**: Amboy (Lee Co) (male), 15 July (SB); HoffmanEst (2 males), 12 June (AA et al.); Barrington Hills (Cook Co) (2 males), 14 & 22 June (AA et al.); Flossmoor (Cook Co), (2-3 males), 16 June (AA); WaterfallGlen (2), 12 June (UG); Marseilles (La Salle Co) (3 males), 15-16 July (SB); Honey Creek Woods (McDonough Co), 7 July (TL); Edwards (Peoria Co) (male), 17 July (BR fide SB); Black Partridge Park (Woodford Co) (4), 22 June (TL); Independence Park (Tazewell Co), 3-14 June (TL); Fisher (Champaign Co) (male), 14 June (SB); Litchfield (Montgomery Co) (2 males), 5 June (RJ); Ashmore (Coles Co) (2 males), 8 July (SB); PereMar (3 males), 26 June (DE fide SB); Pomona, 26 June (KM et al.).

Hooded Warbler, Trail of Tears State Forest. 4 July 2004. Photo by Eric Walters.

Louisiana Waterthrush
Breeding: PineHills (nest w/ 5 eggs), 24 Apr. (SB, m.ob); Marseilles (La Salle Co) (ad feeding fledgling), 15 July (SB). **Others**: MissPalis (5), 8 July (DE fide SB); LowdMil (male), 18 July (AA, m.ob); Miller-And (4), 14 July (DE fide SB); Honey Creek Woods (McDonough Co), 23 June – 7 July (TL); Black Partridge Park (Woodford Co), 1 June – 7 July (TL); Mackinaw (5), 13 June (MF); Independence Park (Tazewell Co) (2), 3 June (TL); Lima (Adams Co) (2), 10 July (RJ); Quincy, 25 June (AD); Oconee (2), 9 July (DK); Ashmore (Coles Co), 2 & 8 July (SB); Oskaloosa (Clay Co), 19 July (RJ); Bone Gap (Wabash Co), 18 July (RJ); Pomona (2), 26 June (KM et al.).

Kentucky Warbler
Breeding: MissPalis (ad w/ food for yg), 11 July (EW); LowdMil (female w/ fledgling), 15 July (DS). **MC**: 22, PineHills, 30 June (DE fide SB); 13, AllertonPk, 6 June (DE fide SB); 13 (9 males), Venedy, 1-2 July (SB); 11, Lima (Adams Co), 10 July (RJ); 10, MissPalis, 8 July (DE fide SB); 6, PereMar, 26 June (DE fide SB); 6, C'dale, 21 June (RR); 4, Honey Creek Woods (McDonough Co), 23 June (TL); 4, Pomona, 26 June (KM et al.); 4, Oconee, 9 July (DK). **Others**: Amboy (Lee Co) (male), 15 July (SB); LowdMil (2 males), 5 July (DS); Miller-And (male), 2 July (DS); Edwards (Peoria Co), 17 July (BR fide SB); Black Partridge Park (Woodford Co), 1 June - 7 July (TL); Ashmore (Coles Co)(2 males), 2-3 July (SB); KiddL, 5 July (DK); Swanwick (Perry Co) (3 males), 3 June (SB); Campbell Pond (Jackson Co) (3), 29 June (DE fide SB).

Mourning Warbler
IBSP (male), 1 July (EW).

Common Yellowthroat
Breeding: Tinley Creek FP (Cook Co) (female on nest w/ 4 eggs), 8 June (SB). **MC**: 79 (males), PrRidge (Jasper Co) (est. pop. = 260 prs), 13-15 June (JW, SS); 48, MoraineHills, 10 July (DS); 47, GLPSP, 12 June (DE fide SB); 41 (36 males), Palatine, 9 July (AA); 41 (39 males), Tinley Park (Cook Co), 16 June (AA); 34, Kell_, 5 June (SB); 34 (33 males), BurnidgeFP, 22 June (AA) et al.); 31, HennepinL, 2 July (DS); 30, Site M (Cass Co), 23-29 June (RJ); 27, NachusaGr, 10 July (EW); 24, GRCA, 11 June (DE fide SB); 22, Martinsville_, 6 June (SB); 21 (males), RedwingSl, 26 June (SB); 21 (20 males), LCal, 13 June (WM); 20 (males), MidewinPr, 17-18 June (SB); 18, Milford_, 13 June (SB); 17 (males), SongBird, 24 June (AA); 17, Royalton_, 5 June (RR); 16 (males), Perdueville, 29 June (SB); 16 (males), Cisco (Piatt Co), 9 July (SB); 15 (14 males), BusseWoods, 18 June (AA); 15 (13 Males), Matteson (Cook Co), 8 & 15 June (SB); 15, C'dale, 21 June (RR); 14 (males), Kemp (Douglas Co), 7 July (SB); 14, CarlL, 24 June (DK); 13, *Saline*, 16 July (DE fide SB); 12, ChinBluffs, 6 June (MF); 12 (males), PrRidge (Marion Co) (est. pop. = 61 prs), 23 June (JW, SS); 12, KiddL, 4 July (DK); 11, Canton (Fulton Co), 13 July (DE fide SB); 11, Columbia_, 18 June (KM); 11, *Monroe*, 22 June (KM); 10, *St. Clair*, 22 June (KM); 10, CarlL, 10 July (KM); 9 (males), HoffmanEst, 12 June (AA); 9, Palos (Cap Sauers Woods), 15-16 June (SB); 9, RendL, 29 July (KM); 6, Snyder L (Jackson Co), 2 July (DK).

Hooded Warbler
MC: 6 (5 males), LowdMil, 18 July (AA et al.); 5 (4 males), Palos (Redgate Woods), 11 June (DS); 4, PineHills, 30 June (DE fide SB). **Others**: MissPalis (3), 11 July (EW); RockCut, 23 June (DW); Palos (Swallow Cliff), (male), 21 June (DS); MArb (male), 15 June (MC); HerrickL (3—2 males), 14 June (ES); Honey Creek Woods (McDonough Co), 7 July (TL); PereMar (male), 26 June (DE fide SB); FoxRidge (male), 4 June (DE fide SB).

Canada Warbler
NBSO: Meadowbrook Park (Champaign Co), 23 June (fide EC).

Yellow-breasted Chat
Breeding: HerrickL (pr w/ yg), 30 June (ES); Jewett (Cumberland Co) (female on nest w/ 4 eggs), 3 June (SB). **MC**: 15, C'dale, 21 June (RR); 7 (6 males), Jewett (Cumberland Co), 3-4 June (SB); 7, KiddL, 4 July (DK); 6, Martinsville_, 6 June (SB); 5, GRCA, 11 June (DE fide SB); 4, KCP, 12 June (EW); 4 (males), Fishhook, 10 July (TM); 4, Site M (Cass Co), 23-29 June (RJ); 4, Lenzburg (St. Clair Co), 25 June (DK); 4, Columbia_, 18 June (KM). **Others**: HoffmanEst (male), 12 June (AA et al.); Tinley Park (Cook Co) (male), 16 June (AA); WaterfallGlen, 12 June (UG); Plymouth (Hancock Co) (male), 15 July (BR fide SB); Honey Creek Woods (McDonough Co), 30 June – 7 July (TL); Edwards (Peoria Co) (2 males), 17 July (BR fide SB); *Schuyler*, 7 July (LHo); Quincy (3), 30 July (AD).

Summer Tanager
MC: 15 (8 males), Venedy, 1-2 July (SB); 9, PineHills, 30 June (DE fide SB); 5, PereMar, 26 June (DE fide SB); 5, C'dale, 21 June (RR); 4 (3

males), Litchfield (Montgomery Co), 24 July (EW); 4, Ashmore (Coles Co), 8 July (SB); 4 (3 males), KiddL, 5 July (TM, DK et al.); 4, Sefton, 8 July (DK). **Others**: MissPalis, 8 July (DE fide SB); Palos (Cap Sauers Woods), 15 June (SB) and 27 June & 3 July (DS); HerrickL, 14 June (ES); BurnidgeFP, 25 June (ES); SandPrNA, 8 July (RJ); Rinard (Wayne Co), 18 June (RJ); Columbia_, 18 June (KM); St. Morgan_, 19 June (KM); Dongola (Pulaski Co) (2 males), 27-28 May (SB).

Scarlet Tanager

MC: 21 (males), Palos (Cap Sauers Woods), 15-16 June (SB); 19, MissPalis, 8 July (DE fide SB); 18, Miller-And, 14 July (DE fide SB); 17, PereMar, 26 June (DE fide SB); 16, PineHills, 30 June (DE fide SB); 13, FoxRidge, 4 June (DE fide SB); 13, Sefton, 8 July (DK); 13, Lima (Adams Co), 10 July (RJ); 12 (9 males), Venedy, 1-2 July (SB); 11 (8 males), Lakewood FP (Lake Co), 19-21 June (SB); 11 (10 males), Marseilles (La Salle Co), 15-16 July (SB); 10 (9 males), Amboy (Lee Co), 14 July (SB); 10 (8 males), Woodstock, 24 June (SB); 9, LowdMil, 5 July (DS); 8 (7 males), Edwards (Peoria Co), 17 July (BR fide SB); 8 (7 males), Newton (Jasper Co), 15 July (RJ). **Others**: L Summerset_ (2), 20 June (DW); BusseWoods (male), 5 June (AA et al.); Barrington Hills (Cook Co) (female), 14 June (AA et al.); Port Byron (Rock Island Co) (5 males), 19 June (BR fide SB); Honey Creek Woods (McDonough Co) (3), 30 June (TL); Summum (Fulton Co) (2 males), 6 July (BR fide SB); Independence Park (Tazewell Co) (4), 14 June (TL); AllertonPk (5), 6 June (DE fide SB); Kankakee R SP (Kankakee Co) (2 males), 1 July (BR fide SB); Mt. Auburn (Christian Co) (2 males), 12 July (BR fide SB).

Eastern Towhee

Breeding: GreeneValFP (ad w/ fledgling), 25 July (MC). **MC**: 16, C'dale, 21 June (RR); 15, Mackinaw, 13 June (MF); 12, ChinBluffs, 6 June (MF); 12 (8 males), Venedy, 1-2 July (SB); 11 (8 males), Palos (Cap Sauers Woods), 15-16 June (SB); 11 (males), SandPrNA, 1 July (RJ); 10, CarlL, 10 July (KM); 9 (males), Tinley Park (Cook Co), 16 June (AA); 9 (8 males), HoffmanEst, 12 June (AA et al.); 9 (8 males), Barrington Hills (Cook Co), 14 June (AA); 8 (males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 8 (incl. 2 juvs), Quincy, 30 July (AD); 6, Oconee, 9 July (DK); 8 (7 males), HerrickL, 1 June (ES); 6+ (males), Flossmoor (Cook Co), 16 June (AA); 5, Litchfield (Montgomery Co), 5 June (RJ); 5, Bone Gap (Edwards Co), 17 July (RJ); 5, Columbia_, 18 June (KM); 4, Woodstock, 24 June (SB); 4, Marseilles (La Salle Co), 16 July (SB); 4, Black Partridge Park (Woodford Co), 1 June (TL); 4, Kell_, 5 June (SB); 4, Sefton, 8 July (DK).

Chipping Sparrow

MC: 88, *Ogle*, 5 July (DS); 59 (42 males), Tinley Park (Cook Co), 16 June (AA); 54, Sheffield_, 18 June (DS); 48 (42 males), HoffmanEst, 12 June (AA et al.); 25 (18 males),PlumCreek, 28 May (AA et al.); 25 (21 males), BurnidgeFP, 22 June (AA et al.); 24, *Sangamon*, 24 July (DS); 23, Fairbury_, 24 June (VK); 22+, LostMound, 17 July (AA et al.); 22 (18 males), Flossmoor (Cook Co), 16 June (AA); 21 (16 males), Barrington Hills (Cook Co), 14 June (AA et al.); 21, Martinsville_, 6 June (SB); 19, Columbia_, 18 June (KM); 17, St. Morgan_, 19 June (KM); 16, *Putnam*, 3 June (DS); 15, Milford_, 13 June (SB); 10, Kell_, 5 June (SB).

Clay-colored Sparrow

Breeding: Aurora West FP (Kane Co) (ad female w/ 3 yg), 11 & 23 July (JD,ES); Lakewood FP (Lake Co) (2 males), 13 May, pr. 19 June (2nd male gone) and (used nest), 17 July (SB); Poplar Creek FP (Cook Co) (pr. feeding yg), 26 June (JM). Second year in a row at this location.; Springbrook Prairie FP (DuPage Co) (ad feeding 2 fledglings), 26 June (JS). Second year in a row at this location. **Others**: Winslow Twp (Stephenson Co) (male), 3 July (BR fide SB); Aurora West FP (Kane Co) (2 males), 9 July (SC); Timber Ridge FP (DuPage Co) (male), June (JS); Springbrook Prairie FP (DuPage Co) (2 pr & 2 other males), June/July (but 7 males 11 May) (JS); Orland Grasslands (Cook Co) (male chasing Field Sparrows), 26 June (WS).

Field Sparrow

Breeding: Lakewood FP (Lake Co) (2 nests with eggs), 21 June (SB); 20+ (incl. yg), HerrickL, 28 June (ES); Cisco (Piatt Co) (abandoned nest w/ 2 eggs), 7 July (SB) and 15 birds (11 males & 2 fledglings), 9 July (SB). **MC**: 63 (males), PrRidge (Jasper Co) (est. pop. = 215 prs), 13-15 June (JW, SS); 54 (45 males), MidewinPr, 17-18 June (SB); 50 (43 males), SandPrNA, 1 July (RJ); 37 (32 males), LostMound, 12 June (SB); 20+ (see breeding record); 20, GRCA, 11 June (DE fide SB); 20, GLPSP, 13 June (DS); 20, Mackinaw, 13 June (MF); 19, Kell_, 5 June (SB); 19 & 18, ChinBluffs, 19 & 6 June, resp. (MF); 18, Martinsville_, 6 June (SB); 17, *Saline*, 16 July (DE fide SB); 16, NachusaGr, 10 July (EW); 15, MidewinPr, 4 July (DS); 15, Columbia_, 18 June (KM); 14 (males), Lakewood FP (Lake Co), 19-21 June (SB); 13 (9 males), Matteson (Cook Co), 15 June (SB); 13 (9 males), Bone Gap (Edwards Co), 17 July (RJ); 10, *Ogle*, 12 June (DS); 9 (males), PrRidge (Marion Co) (est. pop. = 54 prs), 23 June (JW, SS); 9 (8 males), Atkinson (Henry Co), 14 July (BR fide SB); 8, Lenzburg (St. Clair Co), 25 June (DK); 9, C'dale, 21 June (RR); 6, Canton (Fulton Co), 13 July (DE fide SB); 6, Quincy, 25 June (AD); 6, Pyramid SP (Perry Co), 17 June (DE fide SB); 4, CarlL, 12 June & 10 July (DK).

Vesper Sparrow

MC: 27, Milford _, 13 June (SB); 14, Sheffield_, 18 June (DS), 11, Atkinson_, 19 June (DS); 8 (males), LostMound, 11 & 12 June (SB); 8, *Ogle*, 15 July (DS); 6+, w. *Macon*, 10 July (TM); 6, *Boone*, 11 July (DS); 6, Waynesville_, 19 June (VK). **Others**; *Stark* (3), 10 July (EW); Martinsv. _ (4), 6 June (SB); Jewett (Cumberland Co.) (male), 3 June (SB); **Swanwick** (Perry Co.) 5 (males), 3 June (SB).

Lark Sparrow at Fishhook Wildlife Management Area, Moultrie County. 10 July 2004. Photo by Travis A. Mahan.

Lark Sparrow

Breeding: LostMound (2 juv), 11 July (EW): ChinBluffs (pr w/ fledgling), 6 June (MF); s.w. *Tazewell* (pr. & 3 yg), 2 July (EW). **MC**: 16 (11 males, 4 pr. w/one pr. copulating), LostMound, 9-12 June (SB) and 13 (incl. yg); 6, Quincy, 2 July (AD). **Others**: *Whiteside* (2), 19 June (DS); Two, GRCA, 11 June (DE, fide SB); male, near Atkinson (Henry Co.), 14 July (BR, fide SB); LowdMil (2), 26 June (DW); *Hancock* (4), 18 June (DS); Fishhook (imm), 10 July (TM); SandPrNa (4 males), 1-5 July (RJ); Big Creek (Fayette Co) (2), 8 July (DK); Columbia_ (2), 18 June (KM).

Savannah Sparrow

MC: 27 (16 males), SongBird, 24 June (AA et al.); 19 (17 males), Lakewood FP (Lake Co), 19 June (SB); 15 (14 males), *Coles* airport, 30 June (SB); 12 (males), Palatine, 9 July (AA); 10, NachusaGr, 12 June (DS); 9 (8 males),PlumCreek, 28 May (AA et al.); 8, BusseWoods, 5 June (AA et al.); 8, LCal area, 9 July (DS) and 6 (males), 13 June (WM, JA). **Others**: GreeneValFP ("many"), 6 June (UG); PrattsWW (+), 27 June (UG); Songbird (+), 24 July (UG); ***Saline*** (3), 16 July (DE fide SB).

Grasshopper Sparrow with a meal, Mason County. 2 July 2004. Photo by Eric Walters.

Grasshopper Sparrow

Breeding: LostMound (two nests with 5 & 6 eggs & another female carrying caterpillar), 11 June (SB, DT); IBSP (ad. feeding yg), 28 July (EW); s.w. *Tazewell* (nest w/ 3 yg & 1 egg), 2 July (EW); *Coles* (airport), (nest w/ 4 eggs), 30 June (SB). **MC**: 132 (115 males), LostMound, 12 June (SB) and (115 males), 17 July (AA et al.); 53 (males), PrRidge (Jasper Co) (est. pop. = 193 prs), 13-15 June (JW, SS); 50 (45 males), MidewinPr, 17-18 June (SB); 33, HennepinL, 2 July (DS); 33 (32 males), SandPrNA, 1-8 July (RJ); 32 (26 males),PlumCreek, 28 May (AA et al.); 26 (14 males and prs feeding yg), SongBird, 24 June (AA et al.); 25 (incl. juv), Canton (Fulton Co), 13 July (DE fide SB); 23 (20 males), *Coles* (airport), 30 June (SB); 21, Pyramid SP (Perry Co), 17 June (DE fide SB); 20 (males), Site M (Cass Co), 23-29 June (RJ); 19 (17 males), Atkinson (Henry Co), 14 July (BR fide SB); 18, GRCA, 11 June (DE fide SB); 16, Beaucoup_, 1 June (DK); 15 (males), Martinsville_, 6 June (SB); 11, Orland Grasslands (Cook Co), 3 June (WS); 11, Royalton_, 5 June (RR); 10, NachusaGr, 10 July (EW); 10 (males) PrRidge (Marion Co) (est. pop. = 69 prs), 23 June (JW, SS); 9, Rockford (airport), 5 July (DW); 8, MidewinPr, 4 July (DS); 8 (7 males), Cisco (Piatt Co), 9 July (SB); 8, Columbia_, 18 June (KM); 7 (6 males), BusseWoods, 5 June (AA et al.); 7, *Saline*, 16 July (DE fide SB); 6 (males), Perdueville, 29 June (SB); 5, Keithsburg (Mercer Co), 18 June (DS); 4, Jamestown_, 2 June (DK). **Others**: PrattsWW (3), 27 June (UG).

Henslow's Sparrow

Breeding: Lakewood FP (Lake Co) (ads feeding recent fledgling), 17 July (SB, SD); BusseWoods (pr feeding yg), 18 June (AA); 126 (males & 2

broods), PrRidge (Jasper Co) (est. pop. = 193 prs), 13-15 June (JW, SS). **MC**: 126 (see breeding records); 87 (males), PrRidge (Marion Co) (est. pop. = 207 prs), 23 June (JW, SS); 47, GLPSP, 12 June (DE fide SB); 39 (males), MidewinPr, 17-18 June (SB); 32 (31 males), Barringnton Hills (Cook Co), 14 & 22 June (AA et al.); 30 (29 males), Tinley Park (Cook Co), 16 June (AA); 16 (males), Canton (Fulton Co), 13 July (DE fide SB); 15 (males), Site M (Cass Co), 28 June (RJ); 14 (males), BusseWoods, 5 June (AA et al.); 14 (males), Harrisburg (Saline Co), 16 July (DE fide SB); 12 (males), Pyramid SP (Perry Co), 17 June (DE fide SB); 11, Orland Grasslands (Cook Co), 4 June (GW); 10 (males),PlumCreek, 28 May (AA et al.); 10 (males), Patton Twp (Ford Co), 13 June (SB); 9, n. Union, 11 July (DW); 8 (males), Leroy Oaks FP (DuPage Co), 21 June (ES); 5-8, RockCut, June-July (DW); 6, NachusaGr, 10 July (EW), **Others**: NelsonL (3 males), 18 June (ES); Leroy Oaks FP (Kane Co) (2), 26 June (UG); BurnidgeFP (male), 19 June (ES); Flossmoor (Cook Co) (6 males), 16 June (AA et al.); PrattsWW, 13 June & 24 July (UG); HerrickL (male), June (ES); ChinBluffs (5), 6 June (MF); Middle Fork FP (Champaign Co) (male), 25 June (EC); n.e. *Macon* (male), 21 July & 2 Aug. (TM); Kemp (Douglas Co) (2 males), 7 July (SB); Kell_ (3 males), 5 June (SB); *Marion* (4), 7 July (BS); Sharp Road (Clinton Co) (1-3), 12 June – 23 July (DK).

Blue Grosbeak, Kankakee Sands, Kankakee County. 2 June 2004. Photo by Jed Hertz

Song Sparrow

Breeding: Gifford (Champaign Co) (female on nest w/ 2 eggs), 18 May (SB). **MC**: 51 (44 males), BurnidgeFP, 22 June (AA et al.); 51, HennepinL, 15 June (DS); 43, Martinsville_, 6 June (SB); 41 (39 males), Tinley Park (Cook Co), 16 June (AA); 41 (35 males), HoffmanEst, 12 June (AA et al.); 39, Sheffield_, 18 June (DS); 39, Milford_, 13 June (SB); 38 (32 males), SongBird, 24 June (AA et al.); 38, Atkinson_, 19 June (DS); 35 (30 males), Palatine, 9 July (AA); 33, MidewinPr, 4 July (DS); 32, St. Morgan_, 19 June (KM); 31, BurntPrairie_, 2 June (VK); 31, Kell_, 5 June (SB); 29 (27 males), HerrickL, 1 June (ES); 24, Columbia_, 18 June (KM); 20, Matteson (Cook Co – 4 locations), 15 June (SB); 18 (16 males), Lakewood FP (Lake Co) 19-21 June (SB); 17, CampPoint_, 7 June (VK); 16, GLPSP, 12 June (DE fide SB); 14, *Coles* airport, 30 June (SB); 13, Stillwell_, 8 June (VK); 13, Pontiac_, 25 June (VK); 12, KiddL, 4 July (DK); 11, GRCA, 11 June (DE fide SB); 10, NachusaGr, 10 July (EW); 10, Site M (Cass Co), 23 June (RJ); 9, Waynesville_, 19 June (VK); 9, Fairbury_, 24 June (VK); 8, CarlL, 10 July (DK); 8, C'dale, 21 June (RR); 6, *Williamson*, 13 July (DK).

Swamp Sparrow

MC: 21 (males), RedwingSl, 26 June (SB); 20, MoraineHills, 10 July (DS); 7 (incl. 2 fledglings), St. Charles (Kane Co), 10 Aug. (AA et al.); 7 (males), LCal (Powerhorn L), 12 June (WM); 6 (males), LCal (Burnham Prairie), 19 June (WM); 5, Broberg Marsh (Lake Co), 22 June (SB). **Others**: Machesney Park (Winnebago Co) (male), 3 June (BR fide SB); Palatine (3 males), 9 July (AA); Palos (Buttonbush Slough) (2 males), 17 June (SB); Tinley Creek FP (Cook Co) (male), 8 June (SB); Fermi (+), 31 July (UG); Beaverville (Iroquois) Co (male), 30 June (BR fide SB).

A Dark-eyed Junco spent the summer in the River North area of downtown Chicago. It was first observed 19 May 2004 and still present 11 August 2004. This photo was taken by Eric Walters 18 July 2004.

White-crowned Sparrow

NBSO: Chi (Montrose) (male), 20 July (UG).

Dark-eyed Junco

NBSO: Poplar Grove (Boone Co), 21 June (*AB); W. Chicago (DuPage Co), 6 June (*MS); Chi (North River), 19 May – 6 Aug.+ (CT).

Northern Cardinal

Breeding: Lakewood FP (Lake Co) (female on nest w/ 3 cardinal & 2 cowbird eggs), 13 May (SB). **MC**: 54, Columbia_, 18 June (KM); 49, St. Morgan_, 19 June (KM); 42, C'dale, 21 June (RR); 41, Kell_, 5 June (SB); 40 (33 males), Venedy, 2 July (SB); 37, Pulaski_, 4 June (VK); 34, Palos, 11 June (DS); 33, Royalton_, 5 June (RR); 32, BeaverDam_, 3 June (VK); 30, Oconee, 9 July (DK); 30, Martinsville_, 6 June (SB); 29, Belknap_, 5 June (VK); 25 (23 males), Palos (Cap Sauers Woods), 15-16 June (SB); 24, CampPoint_, 7 June (VK); 22, LowdMil, 5 July (DS); 20, CarlL, 10 July (DK); 19, Miller-And, 14 July (DE fide SB); 18, BurntPrairie_, 2 June (VK); 17, Edwards (Peoria Co), 17 July (BR fide SB); 17, PereMar, 26 June (DE fide SB); 17, Newton (Jasper Co), 15 July (RJ); 17, Jamestown_, 2 June (DK); 16, MissPalis, 8 July (DE fide SB); 16, Oskaloosa (Clay Co), 19 July (RJ); 14, Independence Park (Tazewell Co), 3 June (TL); 13, Sefton, 8 July (DK).

Rose-breasted Grosbeak

MC: 17 (16 males), Palos (Cap Sauers Woods), 15-16 June (SB); 13, HennepinL, 3 June (DS); 7, LowdMil, 5 July (DS); 7, GRCA, 11 June (DE fide SB); 6, SandPrNA, 5-8 July (RJ); 6, Oconee, 9 July (DK). **Others**: Broberg Marsh (Lake Co) (3), 22 June (SB); BurnidgeFP (pr), 22 June (AA et al.); MidewinPr (4), 17-18 June (SB); Site M (Cass Co) (5), 23-29 June (RJ); Mattoon (Coles Co) (3 males), 30 June (SB); Jewett (Cumberland Co) (2 males), 4 June (SB); Kell_ (3), 5 June (SB); Martinsville_ (5), 6 June (SB); CarlL, 1-12 June and (2), 19 June (DK).

Blue Grosbeak

Breeding: Humiston Woods (Livingston Co) (food for yg), 2 July (EW); s.w. *Tazewell* (food for yg), 2 July (EW). **MC**: 15, BeaverDam_, 3 June (VK); 11, SandPrNA, 1 July (RJ); 10, Kell_, 5 June (SB); 6, Columbia_, 18 June (KM); 6, Belknap_, 5 June (VK); 4, ESTL, 19 July (KM); 4, LostMound, 11-12 June (SB); 4, Pyramid SP (Perry Co), 17 June (DE fide SB); 4, Royalton_, 5 June (RR); 3, CampPoint_, 7 June (VK); 3, L Lola (Bond Co), 7 July (DK); 3, BurntPrairie_, 2 June (VK); 3, Martinsville_, 6 June (SB); 3, *Monroe*, 22 June (KM); 3, *Pulaski*, 27 June (KM et al.); 3, Pulaski_, 4 June (VK); Riverbend FP (Champaign Co) (yg), 4 July (EC). **Others**: Fulton Dam (Whiteside Co) (male), 11 June (VK et al.); IBSP (2), 25-31 July (DW); MidewinPr (2 males), 18 June (SB); HennepinL (pr), 3 June (DS); *Putnam* (male), 2 July (DS); Miller-And (male), 2 July (DS); Keithsburg (Mercer Co) (male), 18 June (DS);); Quincy, 25 June (AD); *Macoupin* (2), 26 May (RJ); *Montgomery*, 4 June (RJ); Kemp (Douglas Co) (male), 29 June (SB); *Clay*, 20 July (BS); Beaucoup_, 1 June (DK); Jamestown_, 2 June (DK); Harrisburg (Saline Co.) (male), 16 July (DE, fide SB); Mill Creek (Union Co.) (2 males), 27 May (SB).

Indigo Bunting

Breeding: Palatine (2+ yg), 9 July (AA); Cisco (Piatt Co) (female on nest w/ 3 eggs), 7 July (SB); Venedy (abandoned nest w/cowbird egg), 1-2 July (SB). **MC**: 94, Martinsville_, 6 June (SB); 73, Kell_, 5 June (SB); 64, *Monroe*, 22 June (KM); 62, BeaverDam_, 3 June (VK); 59, Royalton_, 5 June (RR); 53 (48 males), Venedy, 1-2 July (SB); 53 (43 males), Fayetteville (St. Clair Co), 20 May – 2 July (SB); 52, CarlL, 10 July (KM); 47, Columbia_, 18 June (KM); 46, HennepinL, 2 July (DS); 46, LowdMil, 5 July (DS); 46, Milford_, 13 June (SB); 45, Belknap_, 5 June (VK); 43, MidewinPr, 4 July (DS); 42, St. Morgan_, 19 June (KM); 42, BurntPrairie_, 2 June (VK); 40, C'dale, 21 June (RR); 37, *Knox*, 18 June (DS); 37, Pulaski_, 4 June (VK); 35, Sheffield_, 18 June (DS); 32, Palos, 11 June (DS); 31, *Hancock*, 18 June (DS); 29, CampPoint_, 7 June (VK); 28, Beaucoup_, 1 June (DK); 27, *Bureau*, 2 July (DS); 22, ChinBluffs, 6 June (MF); 22, KiddL, 4 July (DK); 21, Jamestown_, 2 June (DK); 20, ESTL, 4 & 12 June (DK).

Painted Bunting

ESTL (banded male of 2003), 3 June – 19 July (KM, DK, m.ob.) and (2 males), 10 July (DW).

Dickcissel

Breeding: Perdueville (3 nest, 2 w/ 4 eggs each), 29 June (SB). **MC**: 173 (males), PrRidge (Jasper Co) (est. pop. = 1208 prs), 13-15 June (JW, SS); 150 (males), PrRidge (Marion Co) (est. pop. = 903 prs), 23 June (JW, SS); 102, Jamestown_, 2 June (DK); 101 (males), MidewinPr, 17-18 June (SB); 80, Kell_, 5 June (SB); 73, Beaucoup_, 1 June (DK); 73, *Monroe*, 22 June (KM); 72, Royalton_, 5 June (RR); 70, Pyramid SP (Perry Co), 17 June (DE fide SB); 68, Harrisburg (Saline Co), 16 July (DE fide SB); 67 (62 males), Perdueville, 29 June (SB); 57, Canton (Fulton Co), 13 July (DE fide SB); 56, LostMound, 11-12 June (SB); 53, HennepinL, 2 July (DS); 53 (49 males), Site M (Cass Co), 23-29 June (RJ); 50+ (males), *Coles* airport, 4 June (SB); 50, Columbia_, 18 June (KM); 48, Martinsville_, 6 June (SB); 43, CampPoint_, 7 June (VK); 31, Stillwell_, 8 June (VK); 30, (27 males), Cisco (Piatt Co), 7-9 July (SB); 29 (28 males), Tuscola (Douglas Co), 13-

14 July (SB); 26, NachusaGr, 10 July (EW); 25, Milford_, 13 June (SB); 25, BurntPrairie_, 2 June (VK); 23, St. Morgan_, 19 June (KM); 22, *Henderson*, 18 June (DS); 22, Fairbury_, 24 June (VK); 20, *Alexander*, 18 June (KM); 20, GLPSP, 12 June (DE fide SB); 20, CarlL, 10 July (KM). **Others**: Huntley (Kane Co) (many), 27 June (UG); PrattsWW (4), 13 June (UG). **Note**: "abundant this year in *Champaign*" (EC).

Bobolink

Breeding: Palatine (fledglings), 9 July (AA); BurnidgeFP (yg), 22 June (AA); MidewinPr (fledgling), 17 June (SB). **MC**: 111 (86 males), BusseWoods, 5 June (AA et al.); 59 (45 males), BurnidgeFP, 22 June (AA); 52 (44 males), MidewinPr, 17-18 June (SB); 41 (incl. yg), Palatine, 9 July (AA); 32, Orland Grasslands, 3-4 June (WS, GW); 26, GRCA, 11 June (DE fide SB); 25, BurnidgeFP, 27 June (UG); 23 (12 males), SongBird, 24 June (AA et al.); 21 (incl. yg), HerrickL, 28 June (ES); 20 (males), LostMound, 11-12 June (SB). **Others**: Morrison (Whiteside Co) (male), 17 June (BR fide SB); NachusaGr (12), 18 July (AA); Lakewood FP (Lake Co) (3), 19 June (SB); PlumCreek (19), 28 May (AA et al.); Canton (Fulton Co) (10), 13 July (DE fide SB); Perdueville (9), 29 June (SB); Milford_, 13 June (SB); *Schuyler* (2 males), 7 July (LHo); Tuscola (Douglas Co) (female), 14 July (SB).

Red-winged Blackbird

Breeding: Perdueville (4 nests w/ eggs or yg), 13-29 June (SB); Kemp (Douglas Co) (5 nests, 2 w/ eggs and 2/ yg), 29 June (SB). **MC**: 894, Beaucoup_, 1 June (DK); 468, Jamestown_, 2 June (DK); 451, PrRidge (Jasper Co) (est. pop. = 2814 prs), 13-15 June (JW, SS); 450, MidewinPr, 4 July (DS); 418, *Putnam*, 2 July (DS); 410, Columbia_, 18 June (KM); 260, *Ogle*, 12 June (DS); 257, PrRidge (Marion Co) (est. pop. = 1451 prs), 23 June (JW, SS); 223, Kell_, 5 June (SB); 216, St. Morgan_, 19 June (KM); 204, KiddL, 4 July (DK); 193, Snyder L (Jackson Co), 2 July (DK); 189, Tuscola (Douglas Co), 14 July (SB).

Eastern Meadowlark

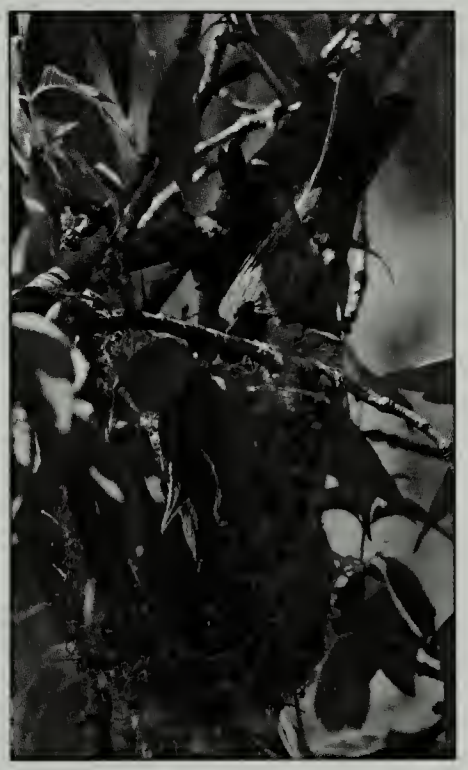
Breeding: SongBird (fledglings), 24 June (AA et al.); Palatine (fledglings), 9 July (AA); Perdueville (2 nests w/ 4 eggs), 29 June (SB). **MC**: 183, PrRidge (Jasper Co) (est. pop. = 1166 prs), 13-15 June (JW, SS); 137 (78 males), MidewinPr, 17-18 June (SB); 112, PrRidge (Marion Co) (est. pop. = 629 prs), 23 June (JW, SS); 87, Pyramid SP (Perry Co), 17 June (DE fide SB); 82, Kell_, 5 June (SB); 75 (42 males), LostMound, 12 June (SB); 70 (38 males), *Coles* airport, 30 June (SB); 64, Beaucoup_, 1 June (DK); 63, Site M (Cass Co), 23 June (RJ); 61 (29 males), Tuscola (Douglas Co), 14 July (SB); 55, Martinsville_, 6 June (SB); 52, Sheffield_, 18 June (DS); 46, GLPSP, 12 June (DE fide SB); 46, Columbia_, 18 June (KM); 45, near Harrisburg (Saline Co.), 16 July (DE, fide SB); 43, Canton (Fulton Co), 13 July (DE fide SB); 42, Milford_, 13 June (SB); 38 (31 males), Perdueville, 29 June (SB); 37, Royalton_, 5 June (RR); 32 (14 males), SongBird, 24 June (AA et al.); 32, Orland Grasslands (Cook Co), 3-4 June (WS, GW); 31, NachusaGr, 10 July (EW); 30, GRCA, 11 June (DE fide SB); 30 (18 males), BurnidgeFP, 22 June (AA et al.); 25, Waynesville_, 19 June (VK); 24 (18 males), Atkinson (Henry Co), 14 July (BR fide SB); 22, St. Morgan_, 19 June (KM); 21, BurntPrairie_, 2 June (VK); 20 (9 males), Cisco (Piatt Co), 9 July (SB); 20, Decatur (Macon Co), 24 July (KM); 19, Belknap_, 5 June (VK); 17 (11 males), BusseWoods, 5 June (AA et al.); 17, Fairbury_, 24 June (VK); 17, BeaverDam_, 3 J une (VK); 16, Jamestown_, 2 June (DK); 15, Winkle (Perry Co), 30 June (DK).

Western Meadowlark

MC: 82 (53 males), LostMound, 9-12 June (SB); 18, Atkinson_, 19 June (DS); 10, n.c. *Stark*, 10 July (EW); 8, Pontiae_, 25 June (VK). **Others**: Dunham Road sod farms (McHenry Co) (4+ males), June/July (SB); MidewinPr, 4 July (DS); Newark (Kendall Co) (male), 23 June (BR fide SB); Milford_ (2 males), 13 June (SB); Colfax (MeLean Co.) (male), June/July (SB, MR, m.ob.); w. *De Witt* (male), 18 June (TM); Vandalia (Fayette Co), 24 July (KM).

Yellow-headed Blackbird

Breeding: RedwingSl (8 birds incl. 2 fledglings), 26 June (SB); LCal (Eggers Woods) (pr & 2 yg), 26 June (WM) and 12 (4 male, 8 female), June (MW fide SB); PrattsWW (2 males, female & juv), 4 July (UG); HennepinL (42 birds incl. 7 families groups w/ 22 yg), 3 July (DE fide SB). **MC**: 45, Woodstock (Tony's Pond), June (MW fide SB); 42 (see breeding records); 36, Paul Douglas FP (Cook Co), June (MW fide SB); 14 (11 males), Broberg Marsh (Lake Co), 22 June (SB); 8, Ruddy Marsh (Lake Co), June (MW fide SB); 8 (3 male, 5 female), Motorola Marsh (Lake Co), June (MW fide SB); 8 (see breeding records); 7 (3male, 4 female), LCal (Hegewisch), June (MW fide SB). **Others**: Fulton (Whiteside Co) (4), 11 June (VK et al.); Antioch (Lake Co) (2), June (MW fide SB); Almond Marsh (male), June (MW fide SB);Moraine Hills (Black Tern Marsh) (13), June (MW fide SB); **Middle Fork FP (Champaign Co)**, 10 June (EC).



Brown-headed Cowbird invades Baltimore Oriole nest at Gillson Park, Cook County. 27 June 2004. Photo by Eric Walters.

Brewer's Blackbird

IBSP (5), 7 July (DD) and (2), 25-31 July (DW).

Common Grackle

MC: 2000, Chau, 2 Aug. (RJ); 313, Jamestown_, 2 June (DK); 310, MidewinPr, 4 July (DS); 224, Albers (St. Clair Co), 1 July (SB); 210, SandPrNA, 1-8 July (RJ); 209, Beaucoup_, 1 June (DK); 204, Atkinson_, 19 June (DS); 173, Milford_, 13 June (SB); 152, *Ogle*, 12 June (DS); 131, KiddL, 4 July (DK); 101, Kell_, 5 June (SB).

Brown-headed Cowbird

MC: 71, Milford_, 13 June (SB); 40, Sheffield_, 18 June (DS); 37, Atkinson_, 19 June (DS); 30, Palos, 11 June (DS); 29, *Sangamon*, 24 July (DS); 28 (20 males), Palos (Cap Sauers Woods), 15-16 June (SB); 27, HennepinL, 3 June (DS); 24, LowdMil, 5 July (DS); 24 (19 males), LostMound, 12 June (SB); 24, C'dale, 21 June (RR); 20, Oconee, 9 July (DK); 19, Tinley Park (Cook Co), 16 June (AA); 16, Sefton, 8 July (DK); 12, CarlL, 10 July (DK).

Orchard Oriole

Breeding: Distillery CA (Boone Co) (pr w/ 2 yg), 25 June (DW); CBG (nest w/ eggs), 23 May (EW) and (yg), 23 June (AA et al); Orland Grasslands (Cook Co) (pr at nest w/ eggs), 4 June (GW); LCal (Eggers Woods) (pr feeding yg in nest), 27 June (CaM); Flossmoor (Cook Co) (pr feeding yg), 16 June (AA); HerrickL (4 ad & 1 yg), 30 June (ES). **MC**: 21 (males), MidewinPr, 17-18 June (SB); 16 (15 males), LostMound, 11-12 June (SB); 10, Columbia_, 18 June (KM); 9, Canton (Fulton Co), 13 July (DE fide SB); 9, Martinsville_, 6 June (SB); 8, Fulton (Whiteside Co), 10 July (EW); 8 (5 males), Site M (Cass Co), 24 June (RJ); 7, C'dale, 21 June (RR); 6 (incl 2 yg in breeding note), Distillery CA (Boone Co), 25 June (DW); 6, *Jackson*, 9 June (DK) and 18 June (KM); 5, *Putnam*, 2 July (DS); 5, Spunky Bottoms (Brown Co), 8 June (DE fide SB); 5, *Alexander*, 18 June (KM); 5 (2 ad males, 2 ad females & 1 imm male), Fishhook, 10 July (TM); 4, MArb, 5 June (UG); 4, SandPrNA, 5 July (RJ); 4 (males), Jewett (Cumberland Co), 4 June (SB); 4, KiddL, 4 July (DK). **Others**: Leroy Oaks FP (Kane Co) (2), 19 June (UG); Lakewood FP (Lake Co) (male), 21 June (SB); BusseWoods (pr), 15 June (AA); HoffmanEst (male), 12 June (AA et al.); Tinley Park (Cook Co) (male), 16 June (AA); LCal (Powderhorn Marsh), 9 July (CaM);3, Palos (Spears Woods), 5 June (DS), (Buttonbush Slough) (male), 17 June (SB) and Cap Sauer Woods) (male), 15-16 June (SB); WaterfallGlen (3), 12 June (UG); Tinley Creek FP (Cook Co) (male), 8 June (SB); Matteson (Cook Co) (2 males), 15 June (SB); GLPSP (2), 12 June (DE fide SB); Atkinson (Henry Co) (male), 14 July (BR fide SB); Milford_ (3), 13 June (SB); Cisco (Piatt Co) (2 males), 7-9 June (SB); Arcola Marsh (Douglas Co) (3), 2 June (DE fide SB); Kell_ (3), 5 June (SB); Sugar Creek (Schuyler Co) (2 females), 7 July (LHo).

Baltimore Oriole

Breeding: Chi (Douglas Park) (pr feeding fledglings), 11 July (AA); MArb (pr at nest feeding yg), 15 June (MC). **MC**: 24, HennepinL, 3 June (DS); 12, LCal, 13 June (WM); 11, Sheffield_, 18 June (DS); 7, Quincy, 2 July (AD); 5, Martinsville_, 6 June (SB); 5, BurnidgeFP, 22 June (AA et al.); 5, Kell_, 5 June (SB); 4, Matteson (Cook Co), 15 June (SB); 4 (males), Byron (Ogle Co), 12 June (BR fide SB); 4, CarlL, 12 June (DK); 4, Lenzburg (St. Clair Co), 25 June (DK).

House Finch

Breeding: Kemp (Douglas Co) (nest w/ 4 eggs, 1 ft. from active robin nest), **31 Mar**. (SB). **MC**: 25, Westchester, 6 June (DS); 20, Sheffield_, 18 June (DS); 12, St. Morgan_, 19 June (KM); 9, C'dale, 21 June (RR); 8, O'Fallon (St. Clair Co), 6 July (KM).

American Goldfinch

MC: 83, MidewinPr, 4 July (DS); 57, *Ogle*, 12 June (DS); 49, BurnidgeFP, 22 June (AA et al.); 39, HerrickL, 1 June (ES); 36, Palos, 21 June (DS); 36, SongBird, 24 June (AA et al.); 30, HennepinL, 3 June (DS); 27, Tinley

Park (Cook Co), 16 June (AA); 23, HoffmanEst, 12 June (AA et al.); 23, Marseilles (La Salle Co), 16 July (SB); 23, MidewinPr, 17-18 June (SB); 20, Lakewood FP (Lake Co), 19-21 June (SB); 19, Palos (Cap Sauers Woods), 15-16 June (SB); 18, CarlL, 24 June (DK); 17, Palatine, 9 July (AA); 17, C'dale, 21 June (RR); 16, St. Morgan_, 19 June (KM); 11, Rinard (Wayne Co), 18 June (RJ); 10, ESTL, 4 June (DK); 10, Milford_, 13 June (SB); 10, Lenzburg (St. Clair Co), 25 June (DK).

House Sparrow
MC: 511, Jamestown_, 2 June (DK); 496, Beaucoup_, 1 June (DK); 50, CarlL, 10 July (DK); 260+ (incl. fledglings), Chi (Humboldt Park), 10 July (AA).

Eurasian Tree Sparrow
MC: 5, HL, 19 July (KM); 4, *Jersey*, 18 July (KM). **Others**: n.w. *Bond*, 27 May (ChM).

Exotics

Canada Goose X Graylag Goose (hybrid)
Chi (Wm Powers CA), 17 June (WM et al.).

Cinnamon Teal
Emiquon NWR (Fulton Co) (2 "non-professional tagged" birds present all summer) (ad male coming out of eclipse plumage), 25 July – 15 Aug; tags suggest non-wild birds (TM).

LATE SPRING MIGRANTS

Blue-winged Teal: LD: 3 June, *Champaign* (EC).

Common Loon: LD: 5 June, Spfld (GW).

American Golden-Plover: LD: 5 June (injured), w. *Alexander* (DK, TM).

Semipalmated Sandpiper: LD: 2 June (4), Gifford Ponds (Champaign Co) (SB).

Common Tern: LD: 28 June, HL (FH).

Black Tern: LD: 3 June, HL (FH); 3 June (8), Chau (RBj, SBj).

Yellow-billed Cuckoo: LD: 9 June, Chi (Lincoln Park) (GW).

Eastern Wood-Pewee: LD: 9 June, Chi (Lincoln Park) (GW).

Yellow-bellied Flycatcher: LD: 5 June, BusseWoods (AA et al.); 2 June, Chi (Lincoln Park) (G).

Alder Flycatcher: LD: 16 June, Chi (Lincoln Park) (GW); 7 June, Palos (Miller Meadow) (JA); 4 June, ESTL (DK, KM); 4 June (male), Jewett (Cumberland Co) (SB).

Least Flycatcher: LD: 2 June, Chi (Lincoln Park) (GW).

Philadelphia Vireo: L.D.: 27 May (male), Mill Creek (Union Co.) (SB).

Red-eyed Vireo: LD: 9 June, Chi (Lincoln Park) (GW).

Tennessee Warbler: LD: 5 June, HerrickL (ES); 4 June (male), Des Plaines (Cook Co) (AA).

Nashville Warbler: LD: 9 June, Chi (Lincoln Park) (GW).

Black-throated Green Warbler
LD: 8 June, Palos (Miller Meadow) (JA); 6 June, GreeneValFP (UG).

Blackpoll Warbler: LD: 2 June, Chi (Lincoln Park) (GW).

American Redstart: LD: 9 June, Chi (Lincoln Park) (GW).

Ovenbird: LD: 5 June, Salt Fork FP (Champaign Co) (EC).

Connecticut Warbler: LD: 21 June, GAR Woods (Cook Co) (JA).

Wilson's Warbler: LD: 5 June, HerrickL (ES).

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Killdeer hiding her chicks, Hidden Lake, DuPage County. 26 May 2004. Photos by Jerry Kumery.